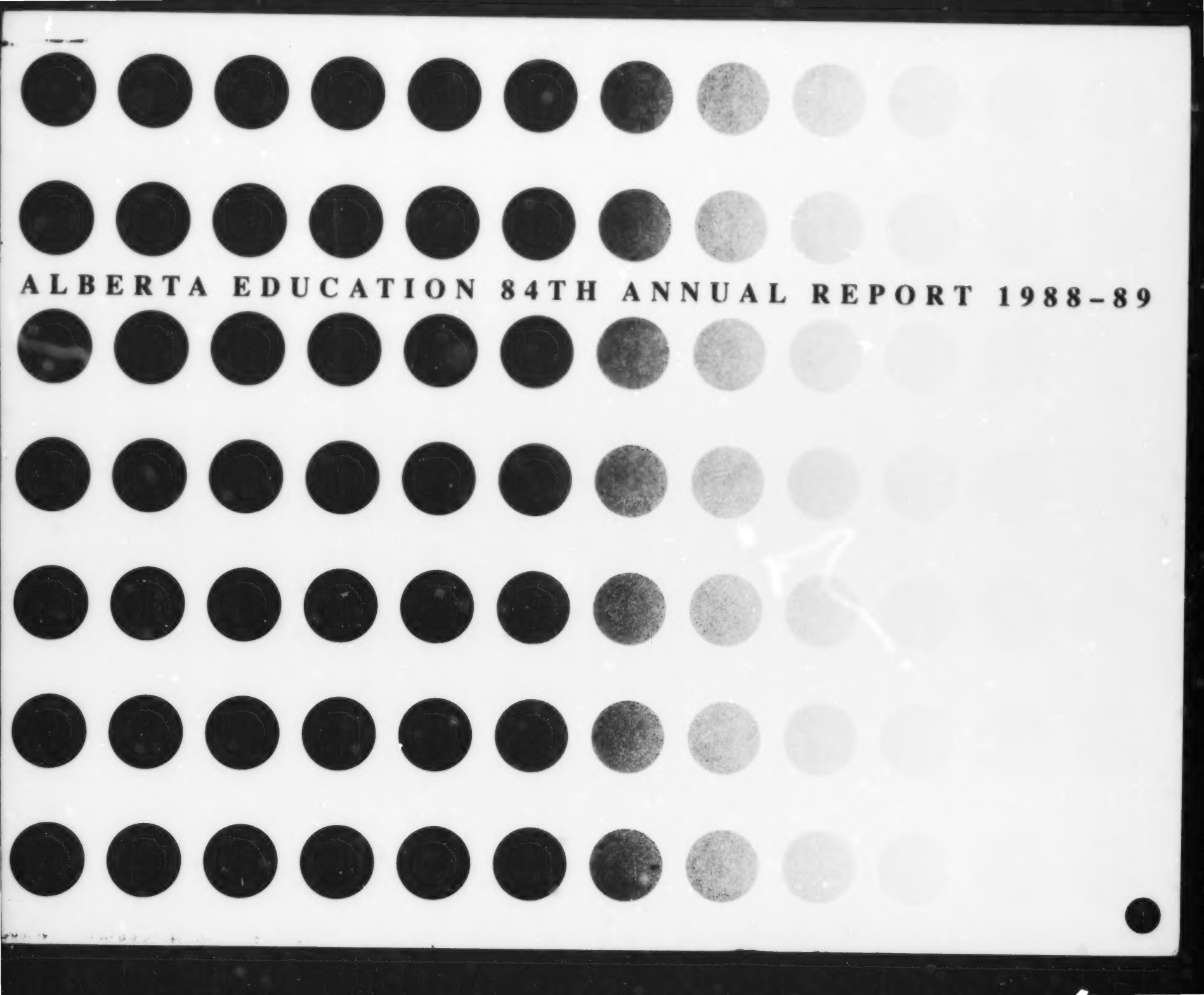

ALBERTA EDUCATION 84TH ANNUAL REPORT 1988-89

Alberta
EDUCATION

Office of the Minister

402 Legislature Building, Edmonton, Alberta, Canada T5K 2B6 403/427-2025 Fax 403/427-5582

Her Honour, The Honourable Helen Hunley
The Lieutenant-Governor of Alberta
Legislature Building
Edmonton, Alberta

Your Honour:

I have the honour to submit the Annual Report of Alberta Education for the period April 1, 1988 to March 31, 1989.

Respectfully submitted,

Jim Dinning
Minister of Education

90-06337/1

Alberta
EDUCATION

Office of
the Deputy Minister

403/427-2889
10th Floor, Devonian Building
11160 Jasper Avenue
Edmonton, Alberta, Canada T5K 0L2

Honourable Jim Dinning
Minister of Education
Legislature Building
Edmonton, Alberta

Dear Minister:

I herewith submit the Annual Report of Alberta Education for the fiscal year ending March 31, 1989.

Respectfully submitted,

Reno Bosetti
Deputy Minister

ALBERTA EDUCATION 84TH ANNUAL REPORT 1988-89

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Minister's Message

Our goal can be stated simply: The best possible education for all Alberta students.

We want to graduate young people who are well educated – with a firm foundation of basic knowledge and skills – young people who are inspired and challenged to continue their learning and to use their education for constructive purposes.

We must help our students to be creative and innovative. They must be prepared to take risks – especially in order to achieve goals. Our young people have to be prepared to tackle the most difficult problems which our society faces. Ultimately, they must shape the course of the future by their own actions.

How do we get there? Our world is facing unprecedented change. Political upheaval, galloping technological advancement and the global economy are all hallmarks of the 1990's and the 21st century. In this era of uncertainty, what will guide us towards our goal? How can we ensure our students are able to comprehend the rhythm and pace of the world around them?

Excellence. Equity. Efficiency. These three themes guide our efforts to prepare students for the world they will encounter.

Excellence must be our number one challenge. It means high standards and high expectations for students, parents, teachers, administrators, trustees, and yes, even the Minister of Education.

The status quo is not acceptable. Our efforts must continue in improving existing programs and developing new curriculum. Better science courses and a heightened environmental awareness are just two needs that have pushed us forward.

Excellence also requires accountability. Albertans want to know that our students can meet the challenge and succeed in an increasingly competitive world. We have made positive changes in the past year. We have more to do and we will.

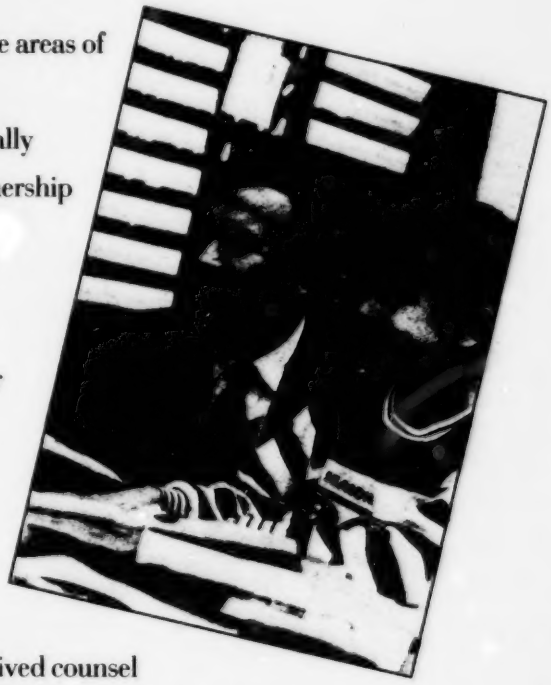
Equity is inextricably tied to excellence. It means striving to ensure that all students, regardless of their circumstances or location in the province, have access to a high quality of education.

Our distance education program is a model that is being studied by others. This linking of innovation and technology offers students in sparsely populated areas of the province many more courses and options than ever before. Our system of equity grants is helping less wealthy school boards to deliver quality education to

their students. Together these initiatives are making a significant impact, but we must go further to fully resolve the issue of equity.

Alberta Education's third focus is efficiency. Finite resources and the provincial budget deficit bring home the importance of this theme. Within these parameters, the government continued to show education was its number one priority with school boards receiving the highest grant rate increase. In 1988-89, over 95 per cent of our budget was allocated to school boards to support direct instruction to students. Department operations were only 4.35 per cent of the total budget expenditures.

Excellence, equity and efficiency: three separate areas of commitment that together add up to a strong personal commitment by your Minister of Education and an equally strong commitment by Alberta Education staff, in partnership with school boards and teachers.



In September 1988, I was sworn in as Alberta's nineteenth Minister of Education. My predecessor, the Honourable Nancy Betkowski, is to be congratulated for her efforts on the new Alberta School Act and other educational initiatives. The new School Act was proclaimed on December 31, 1988 and provides the blueprint for ensuring that Alberta students get the best possible education into the 1990's and beyond.

During my first year in office, I met with and received counsel from school boards, teachers, parents and students, and I was impressed by the skill, dedication and plain hard work evident in schools all across the province.

I personally want to thank those who helped and advised me over the past year, and in particular, the staff of Alberta Education whose expertise and professionalism guided me through my first year in office and will continue to guide me in the future.

Jim Dinning
Minister of Education

REPORT OF THE DEPUTY MINISTER

In 1988-89, the Deputy Minister continued to provide leadership to staff of Alberta Education and advice to the Minister of Education and the Minister's government colleagues. All of the activities of the Deputy Minister's Office were clearly connected to the department's primary goal: the best possible education for all Alberta students.

The proclamation of a new School Act on December 31, 1988 was an historic event, following an unprecedented level of public involvement during the four years the act was under review. This forward-looking legislation, designed to guide Alberta schools through the 1990s and into the 21st century, focuses clearly on the education of children. The Deputy Minister and his staff had direct responsibilities for much of the work of reviewing public input and suggesting appropriate legislation to the Attorney General's department, who then drafted the law.

The provincial budget deficit continued to be a concern, and all government departments faced significant fiscal challenges. However, education remained the government's first priority; operating grants for school boards in 1989-90, announced in January 1989, were increased by 5.5 per cent bringing the total provincial budget for education to approximately $1.5 billion.

The funding in support of education included $99.5 million for building new schools and modernizing or upgrading older ones.

Under the Deputy Minister's leadership, the distance learning initiatives expanded rapidly. Distance Learning Project North was launched in the fall of 1988. Project North offered opportunities to students in northern Alberta similar to those available to students in the southern part of the province through the Distance Learning in Small Schools Project. Each project developed its own unique approach to distance learning, in close cooperation with the Alberta Correspondence School (ACS). ACS began an extensive program of adapting correspondence courses for use specifically in distance education programs.

Curriculum staff continued to develop and help teachers implement the new programs and courses that were mandated by the government's Policy on Secondary Education in Alberta. In the fall of 1988, new programs for junior high mathematics, physical education, music, and home economics were implemented provincially. At the senior high school level, new courses in Social Studies 10 and 13 and Career and Life Management 20 became mandatory.

The government released a comprehensive Language Education Policy for Alberta in December 1988. The policy affirmed the government's intention to provide excellent education programs in the English language for all students, recognized the right of francophone students, where numbers warrant, to be educated in the French language, and supported the efforts of ethnic groups to maintain their languages and cultures.

Staff of Alberta Education prepared to launch an Excellence in Teaching Awards program, suggested by the Council on Alberta Teaching Standards. The program was designed to provide public recognition of the dedication and creativity of Alberta's teachers.

Alberta Education staff continued to develop policies, review learning resources, establish efficient records systems, consult with school board staff, set examination questions, and provide numerous services that help children in Alberta reach their full potential in classrooms across the province.

PLANNING AND POLICY SECRETARIAT

Report of the Director:

The Planning and Policy Secretariat plans and initiates new projects and assists Alberta Education and school jurisdictions in activities that promote excellence, equity and efficiency in education.

During 1988-89, the Secretariat prepared a draft strategic plan and proposed provincial educational performance standards. These are being discussed with trustees, superintendents, secretary-treasurers, teachers, and other partners in education. The strategic plan and standards will help focus the department even more on the student and on becoming more of a policy and results-based operation.

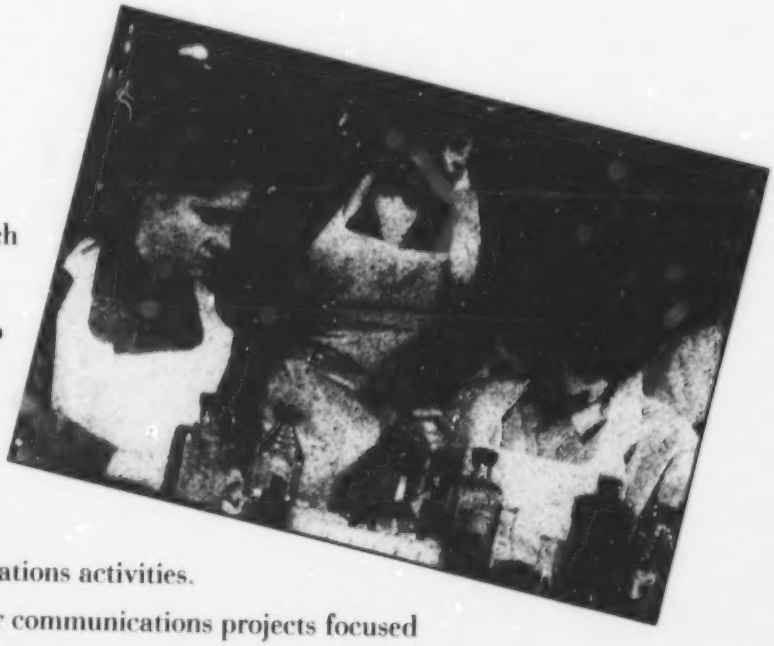
The Educational Quality Indicators project was established to help the department implement a more results-based approach to education. With the assistance of 12 jurisdictions, the department has set out to measure the performance of students and the educational system itself. The resulting information will inform educators and parents of what works in education and what requires improvement.

The High Need Schools Program was developed and piloted in collaboration with the four school boards in Edmonton and Calgary and the department's Program Delivery Division. The pilot project assists high needs schools with the special challenges faced by their students. The program helps school administrators, teachers and the department determine cost-effective approaches to improve the learning and development of these students. In the longer run, the results will be of similar use to school boards throughout Alberta.

The Secretariat implemented several initiatives to help improve the leadership and skills of superintendents and principals, including organizational support for both the Alberta Consortium for Educational Leadership and the Alberta Academy for Educational Leadership.

Through various publications such as *Facts and Figures*, *Major Societal Trends*, and *Toward Achieving Our Goals*, the Secretariat provided essential information about changes in society. This information assists the education community in decision making, informs the public of Alberta Education's major activities and accomplishments, and supports accountability and long-range planning. A new automated data base has been created to provide up-to-date information on each school jurisdiction.

Policies, legislation and regulations were integrated into a "first-stop and user-friendly" policy manual, to provide better service for jurisdictions and schools and to further support the move toward policy-based and results-oriented management.



COMMUNICATIONS BRANCH

Report of the Director:

A major role of the Communications Branch is to explain to Albertans how the department's programs, services and policies help achieve the important goal of ensuring that students get the best education possible. To accomplish this, the branch developed and coordinated a wide range of public relations, information and media relations activities.

During the 1988-89 fiscal year, major communications projects focused on Alberta's new Excellence in Teaching Awards program, distance learning projects, language education policy and special education initiatives.

Branch activities included preparing newsletters, news releases, media information bulletins, brochures, reports and speeches. Staff wrote and distributed *Intercom*, the department's internal newsletter, on a regular basis.

In addition, staff provided editing, design, advertising and print production, audio-visual and display services to all branches in the department. During the year, the branch managed a monthly average of 60 printing, design, display and audio-visual projects.

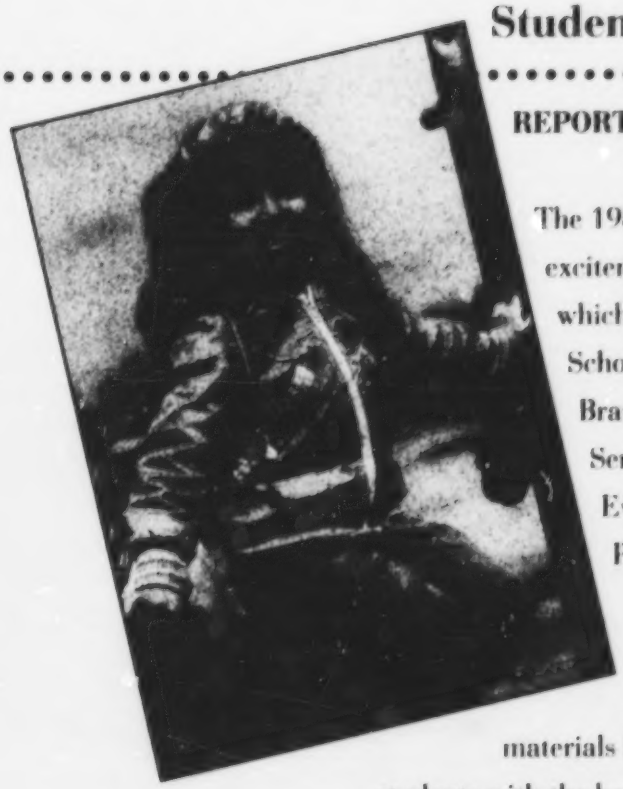
The branch also provided daily media monitoring reports and prepared weekly summaries of media issues.

Other noteworthy initiatives in 1988-89 included:

- Development of a major travelling display on distance learning.
- Coordination of the production of a *Senior High Handbook* and *Lifestyle*, a guide for Alberta high school students.
- Development of the *Highlights of the New School Act* booklet.
- Production of a comprehensive series of materials on the Response Line Services (RLS) and Alberta Special Education Network (ASPEN).
- Playing a key role in Provincial Education Week. This involved working closely with the Education Week Committee, the body

comprising representatives of educational associations that coordinates the week's province-wide events.

- Handling an average of 3,200 calls a month from Albertans on the Education Information telephone line. (Calls were either handled directly or transferred to appropriate areas.)



Student Programs and Evaluation Division

REPORT OF THE ASSISTANT DEPUTY MINISTER

The 1988-89 year continued to be one of challenge and excitement for the Student Programs and Evaluation Division, which has eight branches and projects: Alberta Correspondence School, Curriculum Design Branch, Curriculum Support Branch, Educational Information Exchange, Language Services Branch, Native Education Project, Student Evaluation and Records Branch and the Distance Education Program Implementation Branch.

Excellence:

The main task of the division is to create, review, implement, and revise school programs and learning materials for teachers and students, in order to provide Alberta's students with the best possible education. To determine how well they are doing, the division creates, administers, marks and reports results on Achievement Tests and Diploma Examinations.

The Assistant Deputy Minister represents Alberta Education on the Board of Directors of ACCESS Network and the Alberta Educational Communications Authority. This membership ensures that ACCESS Network acquires and produces appropriate educational audio and video programs for use with the Alberta curriculum.

Equity:

To ensure that all Alberta students have access to an equitable education, the division took the lead in expanding distance learning across the province. Two successful pilot projects in northern and southern Alberta use materials from the Alberta Correspondence School and new technologies to help small rural high schools offer a fuller range of high school credits to their students.

Through his membership on the Teacher Salary Qualifications Board, the Assistant Deputy Minister works to ensure that the qualifications of persons who wish to teach in Alberta are reviewed according to fair and equitable standards.

Efficiency:

The division always has sought "to do better with the same", and through the effective use of staff and financial resources continued to:

- create and help teachers implement new courses resulting from the 1985 policy on secondary education, such as CALM 20;
- work with other government departments to create excellent programs for Albertans, such as the province's educational, family, and health initiatives regarding AIDS, and substance abuse;
- work with school jurisdictions and the community to produce excellent learning resources for Alberta's students, such as the Native Education textbooks being developed under the auspices of individual jurisdictions and Native organizations across the province.

ALBERTA CORRESPONDENCE SCHOOL

Report of the Director:

Since 1923, the Alberta Correspondence School has served students when regular classroom instruction does not meet their educational needs.

The school develops and delivers multi-media correspondence course materials for grades 1 to 12 based on the Alberta curriculum, as well as preparatory courses designed specifically for adult students. In addition, during 1988-89 the school developed several new distance education courses at the senior high school level.

Communication between teacher and student in the traditional correspondence program is mainly through written comments. Increased use, however, is now being made of alternative forms of communication including audiotapes, computers and videotapes.

Student Enrolment:

Enrolment statistics for the 1988-89 school year are shown in **Table 1**, along with comparative statistics for 1987-88.

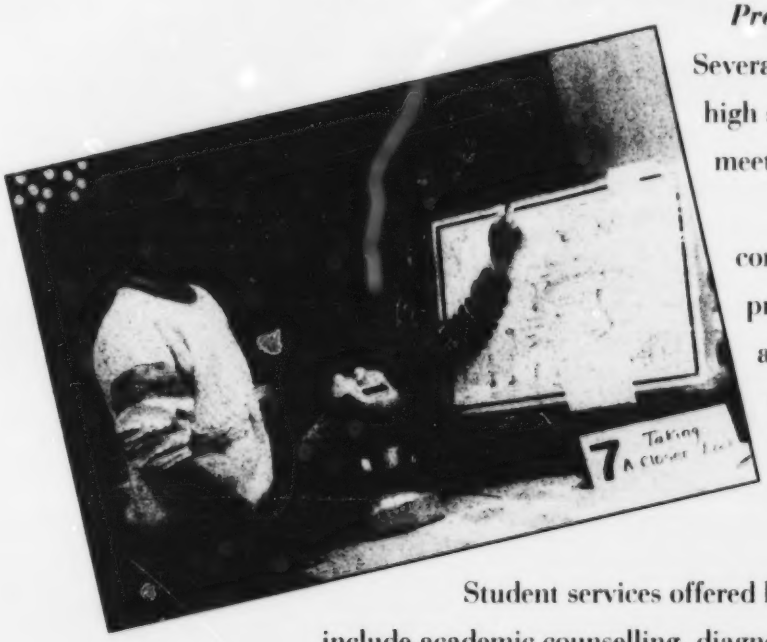
About 40 per cent of students enrolled by the Alberta Correspondence School attend a school and take correspondence in addition to their regular classroom program. Included in the 60 per cent who don't attend regular

Table 1
Alberta Correspondence School Enrolment

	1988-89	1987-88
New students enrolled	30,380	30,699
Courses taken by new students	45,387	43,855
Students continuing courses started in the previous year	7,556	6,546
Courses being continued from the previous year	12,845	13,426
Lessons submitted for correction	362,866	367,000

schools are adults working toward high school diplomas or taking individual courses of interest to them. Other correspondence students may have medical problems or may live in a remote area, overseas, or in a place of detention.

Programming:



Several new courses at the junior high and senior high school levels were specifically designed to meet the the individual needs of students.

Media components are included in many correspondence courses to augment the basic print component. Laboratory kits, audiotapes, computer diskettes and videotapes are available for a great variety of courses throughout the elementary, junior high and senior high school levels.

Student Support Services:

Student services offered by the Alberta Correspondence School include academic counselling, diagnostic testing, evaluating of out-of-province documents, final test supervision and the issuing of results statements.

An educational liaison program helped the school keep in touch with students and educational institutions. The educational liaison officer travelled throughout the province in the fall of 1988 and the spring of 1989 to meet with students, teachers and school administrators.

Outreach Program:

The school maintained its outreach and cooperative efforts through a variety of ventures. Publications included infograms and updates for the *Principal's Handbook* and an elementary and junior high school magazine. The school provided monthly student reports to principals and to superintendents of schools. Staff also judged the Rural Safety Essay competition sponsored by the Alberta Safety Council.

Substantial support was also provided to the Distance Education Program Implementation Branch throughout the 1988-89 school year.

Initiatives:

A key initiative in 1988-89 was the implementation of Distance Learning Project North, designed to provide students in selected schools in northwestern Alberta with a greater range of programs.

In conjunction with this project, several newly-designed senior high school courses were developed and used on a pilot basis. These courses will be revised for province-wide use in 1989-90. They have been specifically designed for use by both traditional correspondence students and students in distance education classrooms.

To meet the ever-increasing demand for Alberta Correspondence School services and products, the school's production facilities were substantially enhanced over the 1988-89 year. The in-house print shop now includes state-of-the-art print production equipment ranging from two Miller TP74 presses to a Muller-Martini saddle stitcher system. A Compugraphics Automated Publishing System was installed in the typography unit and an entirely new desktop publishing unit was also established.

CURRICULUM DESIGN BRANCH

Report of the Director:

The role of the Curriculum Design Branch is to develop programs of study, select basic resources, and prepare handbooks, policies and other materials that foster innovation and excellence in the basic education provided for all Alberta students.

During the 1988-89 school year, the branch was organized into four units: Early Childhood-Elementary, Junior High, Senior High, and Integrated Occupational Program and Special Projects. All worked together to promote excellence, equity and efficiency in programming for students in grades 1 to 12.

To help school staff plan school programs and meet the needs of their students, the branch distributed separate handbooks for junior and senior high schools, and began work on the first edition of a handbook for elementary schools. This three-volume set is entitled *Guide to Education*. A special manual was also prepared for school staff involved in the offering of the new Integrated Occupational Program (IOP).

At the elementary level, new programs were approved in social studies (grades 1 to 3), music, and health (child abuse prevention unit). As well, work continued on the grades 4 to 6 social studies courses; information was gathered about the changes required in the language arts, mathematics and science areas; and preparation continued on a catalogue of essential concepts, skills and attitudes for students in grades 1 to 6.

New programs were approved for junior high social studies: Grade 8 Ethics; agriculture: land and life; and drama. Drama 10-20-30; Social Studies 10-13; and Career and Life Management (CALM) 20 courses were authorized for senior high students.

Staff also discussed with Albertans proposed secondary science and practical arts programs; senior high mathematics, social studies, English, and music courses; and business studies, computer studies, and environmental and outdoor education programs for junior high students.

A custom-developed textbook and teacher resource manual were approved for CALM 20, and staff worked with publishers who will prepare custom textbooks and teacher guides for junior high and some senior high science courses.

Responses from Albertans indicated strong support for the new junior high and Grade 10 Integrated Occupational Program. Work continued on the Grade 11 program and a variety of support materials, including curriculum guides, teacher resource manuals, student workbooks and resources, and teacher inservice materials. This new program for students who have difficulties with regular courses, will help them develop basic knowledge and skills, and prepare them for the workplace. A strong emphasis is placed on students' individual growth and development, and improving their self-esteem.

Staff helped Regional Offices with some school evaluations and also met with school and post-secondary staff, other government departments and groups throughout the province to discuss new directions in school programs and to participate in conferences and workshops.

The branch identified a variety of basic resources to enable schools to choose the materials they need to meet the needs of their students. To enhance equitable student access to programs, the branch started work on distance education materials for language arts courses in grades 4 to 6, science for Grade 7, and agriculture: land and life also for Grade 7. The branch also helped with the planning and review of other distance education materials to improve the variety and quality of programs offered to all Alberta students.

The branch developed policies for academic/occupational programs, the Integrated Occupational Program, off-campus education, vocational education and work experience. Staff worked with other branches to help schools plan for the implementation of the education program continuity policy for grades 1 to 6. This policy emphasizes the use of methods, activities and materials that will assist each child to learn to the best of his or her ability and to meet the expectations of the programs of study.

The branch provided assistance in planning special grants for schools wishing to offer academic/occupational, Integrated Occupational, and vocational education programs; to purchase capital equipment; and to provide learning resources and teacher inservice for new secondary curricula.

The Integrated Occupational Program is being designed to enable all school jurisdictions to offer the courses, should they choose to do so. It promotes the use of community resources; upgrading of school facilities and equipment is not required.

Staffing, budget, and equipment were organized to carry out branch functions in an efficient and effective manner, and to enhance communication with other branches and with Albertans. Additional staff were trained to use computers and related equipment, and a project management system was set up to coordinate branch activities.

CURRICULUM SUPPORT BRANCH

Report of the Director:

The Curriculum Support Branch provides leadership in the support and implementation of provincial curricula that best meets students' learning needs. This is accomplished through the design, development and acquisition of learning resources for teachers and students. The branch also provides curriculum validation based on the developmental needs of students, usually through the work of resource analysts.

The support resources developed for teachers include subject-based teacher resource manuals, monographs on a variety of education topics, and annotated lists of recommended learning resources. Activities of branch staff during the reporting period included approximately 200 presentations and

workshops for various education stakeholders, training and certification of resource analysts, evaluation and authorization of print and non-print resources, acquisition of provincial licences for computer software and video resources, and development of print and non-print support materials.

The following are the main achievements and initiatives of the branch for the 1988-89 fiscal year.

Resource Development and Implementation

Core Courses:

- Produced teacher resource manuals for the social studies program, the Cree Language and Culture program, and junior high agriculture and mathematics; three support documents for teaching German (senior high); and an implementation manual and video inservice for Career and Life Management 20;
- Developed "Child Abuse Prevention," an optional unit for elementary health; and guidelines for teaching English as a second language;
- Translated into French teacher resource materials for mathematics (junior and senior high), physical education (senior high) and Law 20-30;

Complementary Courses:

- Produced teacher resource manuals for drama (junior and senior high) and Grade 8 Ethics; and a curriculum guide for music (elementary).

Child Development and Cross-disciplinary Support

- Reviewed approximately 50 Alberta Education documents, including programs of study, for their sensitivity to the developmental needs of the learner;
- Translated into French a monograph on the developmental stages of thinking.

Technology and Resource Integration:

- Trained and certified 132 resource analysts;
- Produced *Computer Courseware Evaluations Catalogue (Volume VIII)*; *Distance Learning: Tomorrow's Education Today* (video); a workshop leader's manual on the writing process using a word processor; and a position paper on the future direction of regional film centres in Alberta;
- Analysed approximately 500 computer software packages, films, videos and audiotapes, as well as print resources, for authorized use in schools;

- Assisted the implementation of distance learning projects by acquiring provincial licences and/or duplicating rights to approximately 225 videos and software packages;
- Coordinated the co-acquisition of provincial duplicating rights to approximately 70 instructional videos by ACCESS Network and the Urban and Regional Resource Centres.

ACCESS Liaison:

- Coordinated and provided content input to ACCESS Network for the following projects: audiotapes for health (grades 1-3, in French) and language arts (junior high); and videotapes for science inservice (for teachers), Ukrainian classical literature (senior high), secondary physical education for handicapped students (senior high), Native imagery in art and music (junior high, instrumental), and the developmental stages of thinking.

LANGUAGE SERVICES BRANCH

Report of the Director:

The Language Services Branch plans, develops, and implements second language programs for instruction in languages other than English, including English as a Second Language and Native languages. Branch activities and initiatives in 1988-89 were as follows.

French Language Education Unit:

- Reviewed the social studies program and modified it to reflect the language development needs of children in French immersion programs; developed a number of learning resources for the francophone and immersion clienteles, piloted several, and translated two from English.
- Made final revisions to the secondary French language arts and Francais programs, and piloted several learning resources for the elementary language arts program.
- Identified, reviewed and authorized new basic resources in such areas as elementary mathematics, physics and CALM.
- Conducted a needs assessment for distance learning services and developed a plan to provide such services in French.

Second Languages Unit:

- French as a Second Language: Staff prepared a draft of learner expectations for Novice, Intermediate, and Advanced levels of language proficiency; integrated proposals by the National Core French Study; and discussed the document *Framework for a Proficiency-Based Second Language Curriculum* with educators across the province.
- English as a Second Language: Staff initiated a study of schools with effective educational programs for children of new immigrants as part of a project for the Organisation for Economic Co-operation and Development. Areas of study included linguistic and cultural incorporation, community participation and pedagogy. A needs assessment to determine ESL needs across the province was also conducted.
- Native Languages: A Cree Language and Culture Program for Early Childhood to Grade 9 was approved for implementation in provincial schools. A major two-phase inservice was provided for Cree teachers, teacher aides, administrators, consultants, community elders and other resource people.

  Several native learning resource projects were also initiated to secure basic resources for the teaching of Sarcee at the Grade 7 level, developed jointly by Calgary Separate School system and the Sarcee Band; and the teaching of Cree in junior high in the Edmonton Separate School system.

  The Grouse's Pouch, developed jointly by the Little Red River Band and the Lac La Biche School Division, was also completed for use by grades 3 to 6 of provincial schools serving Cree language students.
- Bilingual Education: Staff developed a draft philosophy statement, general and specific learner expectations (in cooperation with Edmonton Public Schools), and linguistic elements for Ukrainian language arts, ECS to Grade 12.

The branch also initiated the Ukrainian language development series (grades 4-6); finalized a five-year plan with the Ukrainian Language Education Centre for cooperative development and publishing of learning resources for Ukrainian language arts; and signed an agreement for a preliminary exchange between the Ukrainian Ministry of Education and Alberta Education.

- Heritage Languages: Several locally-developed second language programs were approved for implementation including Mandarin/ Cantonese 15-25-35, Chinese Studies 25, Blackfoot 25, and Polish 15-25-35. Staff initiated a project to develop guidelines to assist school jurisdictions and linguistic communities in developing locally-developed language courses which meet provincial accreditation standards.

Through the **Canada/Alberta Agreement on Official Languages in Education**, French programs were funded for 185,000 Alberta students. School boards received $9,225,000 in total grants for French as a Second Language ($1,679,830), French immersion programs ($7,074,720), and French minority programs ($470,450).

Forty school boards also had access to $1,460,000 in subsidies to expand and extend French immersion and French minority programs and services to their students.

Of the $10,685,000 in total funding, the Secretary of State, Canada contributed $6,920,000.

NATIVE EDUCATION PROJECT

Report of the Director:

The mandate of the Native Education Project is to support the development and delivery of programs and services that will provide:

- enhanced and equal opportunities for Native students to acquire the quality of education traditional in Alberta;
- challenges to Native students to learn and perform to the best of their abilities;
- opportunities for Native students to study and experience their own and other Native cultures and lifestyles, for Native people to help guide and shape the education of their children, and for students in Alberta's schools to recognize and appreciate Native cultures and their many contributions to our province and society.

In 1988-89, grants totalling $4 million were accessed by 55 school jurisdictions. Several school jurisdictions worked cooperatively to implement a total of 48 projects. These projects all operated with direction from a Native Parent Advisory Committee and ranged from the provision of home-school liaison services by Native workers to counselling, tutorial programs, Native

Language instruction (Cree, Blackfoot, Sarcee, Stoney and Chipewyan) and cultural activities. Over 150 Native people are employed by school jurisdictions to implement projects.

Other branch initiatives:

- Represented Alberta Education on the Metis Association of Alberta Framework Agreement Sub-committee;
- Produced the video "Behind the Mask" in cooperation with ACCESS Network, for use in Native Awareness inservices;
- Initially developed a Grade 10 Social Studies resource based on the Treaties signed between Native people and the Government of Canada;
- Set up a committee of Native teachers to conduct tolerance and understanding audits and Native content analyses on library resources;
- In conjunction with Language Services Branch, a Cree Program for ECS to Grade 9 was completed and disseminated; a similar program for Blackfoot is in development; and a basic learning resource for Cree learners, *The Grouse's Pouch*, was developed;
- Sponsored a Native liaison worker for the Alberta School for the Deaf;
- Provided assistance in setting up, with the Edmonton City Police, a Native Youth Program at the Ben Calf Robe School;
- Encouraged and helped sponsor Native Education Conferences organized by Yellowhead Tribal Council, Edmonton Roman Catholic Separate School District, Rocky Mountain School Division, County of Lac St. Anne and Lac La Biche School Division;
- Promoted the involvement of Native parents in their children's education through the organization of a provincial Native Parents' Conference;
- Provided in-service for all Native Home/School Liaison workers in the province;
- Provided the Native perspective on the Elementary Language Arts Program of Studies Committee and Junior-Senior High Programs of Study Committees;
- Represented Alberta Education on the Intergovernmental Committee on Indian Self-Government and the Interdepartmental Committee on Native Employment;
- Spearheaded the work of the Committee on Transition Needs of Native Students and produced its final report;
- Sponsored the compilation of a Cree dictionary.

EDUCATIONAL INFORMATION EXCHANGE

Report of the Director:

The Educational Information Exchange (EIE) was initiated in January 1988 to provide a student data and information service that reflects a commitment to excellence, cooperation, mutual benefit and innovation.

Teachers, school administrators and Alberta Education staff need good student information to help young Albertans develop to their full potential. The EIE provides leadership in developing, implementing and maintaining a new student information system that will provide a provincial picture of our changing education system. New data will be collected for Alberta students in Early Childhood Services to Grade 8, and additional data will be collected for students in grades 9 to 12. This information, can, for example, help us better identify and address children's educational needs and help us assess the education system.

In keeping with the exchange notion, EIE staff have visited over 90 per cent of the jurisdictions in the province to discuss the project, refine the list of data elements to be collected, and gather input.

Another of EIE's leadership roles involves improving and finding more efficient methods of exchanging student data and information with the educational community. Pilot studies will be undertaken to evaluate the feasibility of electronic data transfer between schools or school jurisdictions and Alberta Education.

A third role is to provide leadership in promoting student record automation systems. Automated student record systems can enhance the ability of teachers and school administrators to follow the development and progress of young Albertans. The branch conducted a survey of central office and school administrative computer use in March 1989. Results of this survey are currently being analyzed and a comprehensive report will be released in early 1990.

DISTANCE EDUCATION PROGRAM IMPLEMENTATION BRANCH

Report of the Director:

The Distance Learning in Small Schools Project in southeastern Alberta started in 1987 and expanded in September 1988 to include a total of 28 schools in 16 rural school systems. In northwestern Alberta, a second distance education project called Project North began involving another dozen schools. By year's end, some 2,000 rural high school students had taken at least one course by distance education, courses not otherwise available. Student success rates, as well as costs, continued to be competitive with traditional delivery methods.

Buoyed by this success, the Minister of Education decided in Spring 1989 to create a Distance Education Program Implementation Branch to assist school systems in developing distance education programs. An $8 million Distance Education Equity Grant was made available to school systems to purchase the necessary telecommunications equipment and hire staff. In September 1989, 135 schools were delivering distance education courses.

Technologies used in the program also expanded to include a computer conferencing network linking teachers and students province-wide, and microvax computers for computer managed learning (CML). Plans were finalized for 1989-90 delivery of difficult concepts in Mathematics 31 by satellite television from ACCESS Network, and experimental projects were initiated to develop computer-assisted instruction. School buildings were designed and built (Morrin School) or modified (Hussar School) specifically to accommodate distance education programs. The Minister approved a high tech distance education display to promote the distance education initiative throughout Alberta.

In less than three years' time, distance education has grown from an initial 13 pilot schools of 50 or fewer students each to include nearly all rural high schools of up to 150 students. The program is now moving into larger schools, both rural and urban, across Alberta.

STUDENT EVALUATION AND RECORDS

Report of the Director:

The branch administers the provincial Student Evaluation Program, maintains student records, issues transcripts, awards high school diplomas, and administers the Special Cases Committee. The Student Evaluation Program includes Grade 12 Diploma Examinations, Achievement Testing, Diagnostic Evaluation and General Educational Development Testing. The program also includes the evaluation of out-of-province credentials and the awarding of High School Equivalency Diplomas to mature students.

The awarding of the Advanced Diploma, Advanced Diploma with Excellence, and the General Diploma encourages students to set for themselves high standards of achievement.

Branch staff are careful to ensure all students are treated and marked fairly; consideration is also given to individual students who have special needs or who find themselves in special circumstances during examination or test writing.

The branch provides school boards, school administrators and teachers with the test result data to identify strengths and weaknesses in local instructional programs. The Diagnostic Evaluation Program is intended to help focus instruction on the needs of individual students and thereby facilitate efficient learning for each student in the classroom.

Table 2
Course Enrolments in High School

	1986-87	1987-88	1988-89
Number of Academic Courses	207	214	241
Enrolments: Male	366,335	361,335	357,719
Female	388,226	382,961	379,895
Total Enrolment	754,561	744,296	737,614
Number of Vocational Courses	217	218	244
Enrolments: Male	43,468	40,304	39,487
Female	24,958	23,707	22,833
Total Enrolment	68,426	64,011	62,320
Number of General Education Development Tests	5	5	5
Number Written: Male	10,091	9,036	9,074
Female	8,403	7,936	7,870
Total Written	18,494	16,972	16,944
Total Number of Courses	429	437	490
Total Enrolments	841,481	825,279	816,878

Highlights for 1988-89:

- 25,069 students were awarded high school diplomas of all types (**Table 4**).
- The percentage of students achieving the standard of excellence in diploma examination courses increased compared to 1983-84 (**Figure A**).
- The number of students eligible for the Alexander Rutherford Scholarships increased compared to 1983-84 (**Table 6**).
- The number of students awarded Advanced High School Diplomas with Excellence increased compared to 1983-84 (**Figure B**).
- 155,553 transcripts were issued on request.
- 693 special cases of students who appeared to be unduly disadvantaged by the application of departmental policies were reviewed and their individual concerns addressed.
- The achievement in Grade 3 Social Studies in 1988 was the same as in 1984. However, the achievement in Grade 6 English Language Arts and Grade 9 Mathematics was higher in 1988 than 1984.

For more specific details, see the tables, figures and appendices accompanying this report.

Diploma Examinations Program:

Diploma examinations were developed and administered in June and August 1988 and January 1989 in most high schools, summer schools and special writing centres. In addition, examinations in Social Studies 30, Mathematics 30, Biology 30, Chemistry 30 and Physics 30 were available in French translation.

To obtain credit in a Grade 12 diploma examination course, students must achieve a final blended mark of 50 per cent, made up of 50 per cent of the school-awarded mark and 50 per cent of the diploma examination mark (**Table 7**). Students achieve the Standard of Excellence in diploma examination courses if they receive a final blended mark of 80 per cent or higher (**Figure A**). Diploma examination courses are also major qualifying subjects for the Alexander Rutherford Scholarships.

Achievement Testing Program:

In June 1988, the branch administered achievement tests in Grade 3 Social Studies, Grade 6 English Language Arts, Grade 6 French Language Arts (optional), and Grade 9 Mathematics (**Table 5**). French translations of the Grade 9 Mathematics tests were available for French immersion and francophone students and were written by 773 students.

Table 3
General Educational Development Testing Program

	[illegible]	[illegible]	[illegible]
Individuals writing tests	2,941	4,236	3,816
Tests administered			
Mathematics	3,675	3,360	3,354
Reading Skills	3,649	3,380	3,456
Science	3,546	3,297	3,247
Social Studies	3,733	3,410	3,359
Writing Skills	3,870	3,525	3,548
Total	18,473	16,972	16,944
Individuals awarded diplomas by passing tests	2,112	2,597	2,636

Table 4
Number of Students Awarded High School Diplomas by Type

	[illegible]	[illegible]	[illegible]	[illegible]
General High School Diploma	11,863	10,410	9,887	9,843
Advanced High School Diploma	9,772	10,163	10,318	9,691
Advanced High School Diploma with Excellence	1,441	2,834	2,751	2,746
High School Equivalency Diploma	1,528	2,677	3,033	2,769
Total	24,604	26,084	25,989	25,069

Table 5
Results of Achievement Tests, June 1988

	[illegible]	[illegible]	
		[illegible]	[illegible]
Grade 3 Social Studies	29,961	80.0	18.8
Grade 6 Language Arts	32,069	83.1	9.9
Grade 9 Mathematics	25,290	88.9	24.3

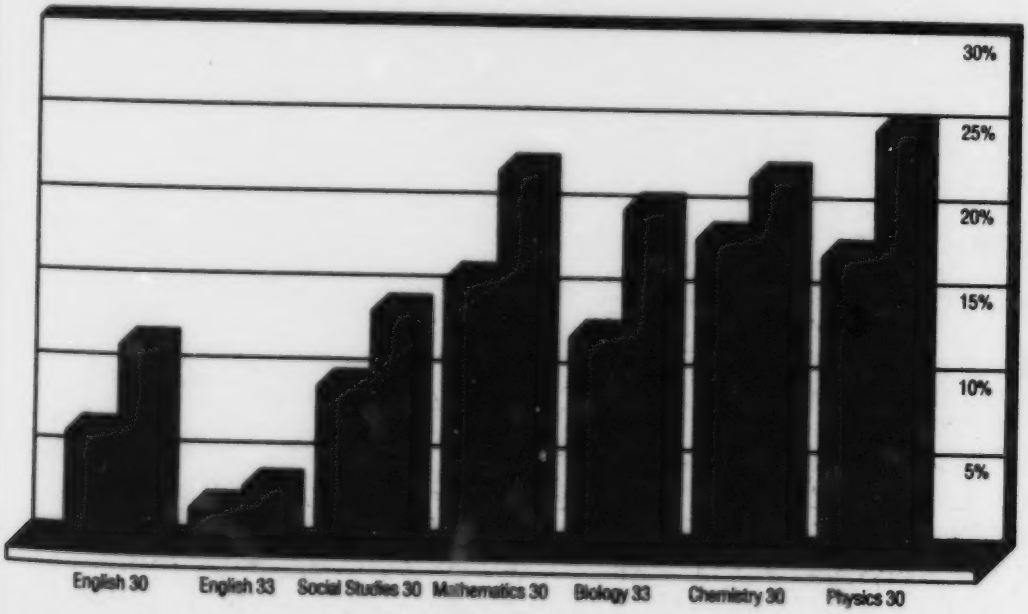


FIGURE A
Percentage of Students Achieving Standard of Excellence*
Diploma Examination Courses

1983-84
1988-89

*Standard of excellence is a final-blended mark of 80% or higher.

Table 6a
Students Eligible for
the Alexander Rutherford Scholarships by Grade Level

	1983-84	---	1986-87	1987-88	1988-89
Number of Eligible Students Based on Grade 10 marks	5,136		5,858	5,977	6,138
Number of Eligible Students Based on Grade 11 marks	3,854		4,295	4,662	4,830
Number of Eligible Students Based on Grade 12 marks	1,949		3,168	3,165	3,218
Total	10,939		13,321	13,804	14,186

Table 6b
Students Eligible for
the Alexander Rutherford Scholarships by Sub-Group

	1983-84	---	1986-87	1987-88	1988-89
Grade 10 Subjects Only	1,723		1,841	1,716	1,690
Grade 11 Subjects Only	443		356	427	458
Grade 12 Subjects Only	147		380	303	305
Grade 10 and 11 Subjects	1,700		1,369	1,536	1,651
Grade 10 and 12 Subjects	91		218	163	192
Grade 11 and 12 Subjects	89		140	137	116
Grade 10, 11 and 12 Subjects	1,622		2,430	2,562	2,605
Total	5,815		6,734	6,844	7,017

Diagnostic Evaluation Program:

Development of the Diagnostic Mathematics Program continued, and development of the Diagnostic Program for grades 7 to 10 was initiated as a joint project between the branch and the Distance Education Program.

Phase One of a two-phase study designed to address the level of implementation of the Diagnostic Reading Program showed that the program is being used effectively by teachers and administrators to better meet the needs of individual students.

FIGURE B
Number of Students Awarded
Advanced High School Diplomas
with Excellence

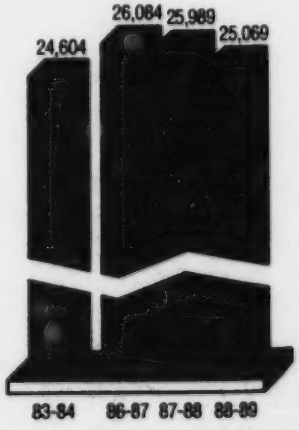


FIGURE C
Number of Students Awarded
High School Diplomas of All Types

General Educational Development Testing Program:

Tests were administered for mature students seeking a High School Equivalency Diploma. Eligible individuals who passed all five tests were awarded diplomas (**Table 3**).

Table 7
Grade 12 Final Blended Mark Results
(50% School Awarded, 50% Diploma Examination Mark)

Diploma Examination Course	1983-84	---	1986-87	1987-88	1988-89
English 30	N = 20,390		N = 23,065	N = 23,970	N = 23,587
A (80-100%)	6.4		10.0	8.5	11.5
B (65-79%)	38.1		39.0	37.6	41.4
C (50-64%)	49.4		45.0	47.6	42.5
F (0-49%)	6.1		6.0	6.2	4.6
Mean	63.3		64.7	63.9	65.7
English 33	N = 10,815		N = 10,039	N = 9,561	N = 9,480
A (80-100%)	2.2		4.0	3.3	3.4
B (65-79%)	35.9		36.0	35.3	36.6
C (50-64%)	55.0		54.0	54.3	52.7
F (0-49%)	6.9		6.0	7.1	7.4
Mean	61.6		62.2	61.8	62.0
Social Studies 30	N = 16,902		N = 20,014	N = 21,008	N = 20,478
A (80-100%)	9.5		14.0	14.7	13.8
B (65-79%)	36.5		36.0	36.9	35.4
C (50-64%)	44.3		41.0	39.0	40.6
F (0-49%)	9.7		9.0	9.3	10.2
Mean	63.4		64.6	65.1	64.5
Mathematics 30	N = 17,051		N = 19,337	N = 20,069	N = 19,761
A (80-100%)	15.8		26.0	22.6	22.2
B (65-79%)	30.1		31.0	29.4	28.8
C (50-64%)	39.7		32.0	34.7	34.9
F (0-49%)	14.4		11.0	13.4	14.2
Mean	63.5		67.9	65.8	65.5
Biology 30	N = 13,540		N = 18,536	N = 18,952	N = 19,241
A (80-100%)	12.6		21.0	21.1	20.1
B (65-79%)	31.1		31.0	31.2	30.3
C (50-64%)	43.0		35.0	35.9	36.5
F (0-49%)	13.3		13.0	11.8	13.2
Mean	62.8		65.6	65.8	65.1
Chemistry 30	N = 13,796		N = 15,978	N = 16,099	N = 16,236
A (80-100%)	18.4		24.0	19.3	22.0
B (65-79%)	32.5		34.0	31.9	33.4
C (50-64%)	36.6		32.0	36.4	33.8
F (0-49%)	12.5		10.0	12.3	10.8
Mean	65.1		67.8	65.3	66.6
Physics 30	N = 7,707		N = 8,476	N = 8,484	N = 8,010
A (80-100%)	17.5		24.0	26.3	25.0
B (65-79%)	34.3		35.0	35.7	34.9
C (50-64%)	36.5		33.0	29.5	31.2
F (0-49%)	11.7		9.0	8.6	8.9
Mean	65.2		67.9	68.7	68.1

Note: Results for school-awarded marks and examination marks are reported in the *Diploma Examinations Program — Provincial Report* which was available after each administration of the examinations.

Program Delivery Division

REPORT OF THE ASSISTANT DEPUTY MINISTER

In 1988-89, the Program Delivery Division assisted the department in providing the best possible education to all students by coordinating the operation of:

- the five Regional Offices of Education, located in Grande Prairie, Edmonton, Red Deer, Calgary and Lethbridge;
- the Community and International Education Branch, responsible for Community School, Adult Basic Education, Educational Exchange and School Food Services programs;
- the Teacher Certification and Development Branch;
- the Education Response Centre, incorporating the Alberta School for the Deaf.

The division's responsibilities and achievements in helping the department meet its primary goals of excellence, equity and efficiency in education were to:

- oversee and coordinate the use of technology services in distance education, and teacher certification and development;
- provide services concerned with administration, consultation, evaluation and planning that support educational programs and direct services to students from Early Childhood Services through Grade 12;
- participate in developing department regulations and policy;
- help develop a High Needs program focused primarily on the inner city schools of Edmonton and Calgary;
- design and establish the new Appeals and Student Attendance Secretariat;
- emphasize results in education by helping to initiate the Educational Quality Indicators project in collaboration with 12 school jurisdictions;
- enhance special education services in the province through the introduction of a technological network called the Alberta Special Education Network (ASPEN) at the Education Response Centre (ERC);

- assist the Council on Alberta Teaching Standards (COATS) by developing criteria effecting the Practice Review Regulations;
- assist COATS in developing the Excellence in Teaching Awards program in Alberta;
- continue consultation with the Northland School Division regarding the implementation of a new organizational structure;
- develop education programs, goals and standards policy for private schools and home education.

GRANDE PRAIRIE REGIONAL OFFICE OF EDUCATION

Report of the Director:

Through cooperation and participation, the Grande Prairie Regional Office provides leadership in education management to 25 active school boards, seven school divisions, 13 school districts and four Indian Reserves in the northern part of the province (Zone 1) serving more than 30,000 students in ECS to Grade 12.

Equitable access to quality education assumed a high profile with the development and implementation of the Secondary Education Policy and the new School Act. Noteworthy cooperative efforts supporting these goals included distance education and native education project initiatives and the establishment of a francophone school in the Peace/Smoky River region.

Significant achievements and initiatives by the Regional Office during 1988-89 included:

- Accrediting ECS to Grade 12 school programs of 140 public, 16 private, seven Indian Band and nine Advanced Education schools;
- Processing 310 grant applications for 17 special needs programs;
- Monitoring special needs programs and implementing evaluation policies on a sample basis;
- Evaluating one school system, seven schools and four programs; and assisting with 10 system-managed school and program evaluations;
- Assisting with implementation of art, guidance, language arts, music, mathematics, science, social studies, health, special education and ECS resource and program changes;

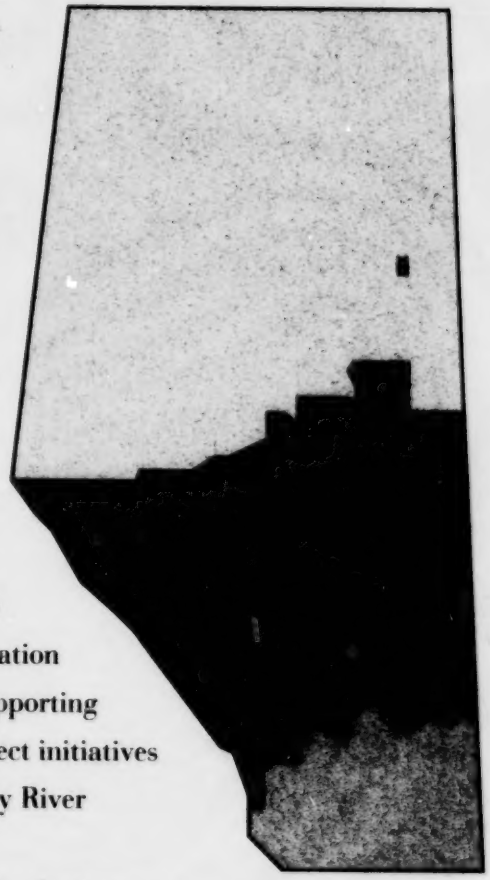


FIGURE D
Map of Alberta Showing Zones (as referred to in reports from Regional Offices)

- Assisting with six separate school district formations, a private school opening, a private school closure, and the unification of school services between a public system and a separate school district.

EDMONTON REGIONAL OFFICE OF EDUCATION

Report of the Director:

The Edmonton Regional Office of Education performs seven main functions in Zones 2 and 3: evaluating programs, schools, and systems; monitoring programs and policies; accrediting public and private schools; approving grants; consulting on programs, policies, and legislation; assisting the Minister's Office; and supporting other branches of Alberta Education.

Over one-third of the office's resources are allocated to evaluation. In 1988-89, staff assisted school jurisdictions with 32 program evaluations, 22 school evaluations, and five system evaluations. In most cases, the evaluations were joint efforts involving local school system personnel, regional office consultants, and personnel from other school systems.

Other initiatives and achievements in 1988-89 included the following:

- Direction for evaluation was provided by steering committees composed of parents, teachers, administrators, school trustees, and members of the public. The results of evaluations helped improve the quality of education.
- As part of a five-year plan, special needs programs and evaluation policies were monitored in selected school systems. The key findings were used by school administrators and departmental staff to set program and policy directions.
- The program plans of schools in 56 public and separate school systems and 58 private schools were examined and recommended for accreditation. Approval was also given to 65 private ECS operators.
- Consultants certified grants in support of 20 special needs programs.

This resulted in over $57 million being paid to school systems and private schools.

- The regional office continued to provide consulting services to school authorities as new programs such as Career and Life Management were introduced. Workshops were held for school and system administrators on the provisions of the new School Act.
- Over 141 requests were received from the Minister's office to provide information to members of the public or address their concerns. Parent appeals provided by the new School Act received increased attention.
- Regional office staff assisted other branches of Alberta Education on curriculum, policy, and student evaluation committees.

RED DEER REGIONAL OFFICE OF EDUCATION

Report of the Director:

The Red Deer Regional Office serves 36,464 students in 19 public and separate school boards, 28 private schools and 52 private Early Childhood Services operators in Zone 4.

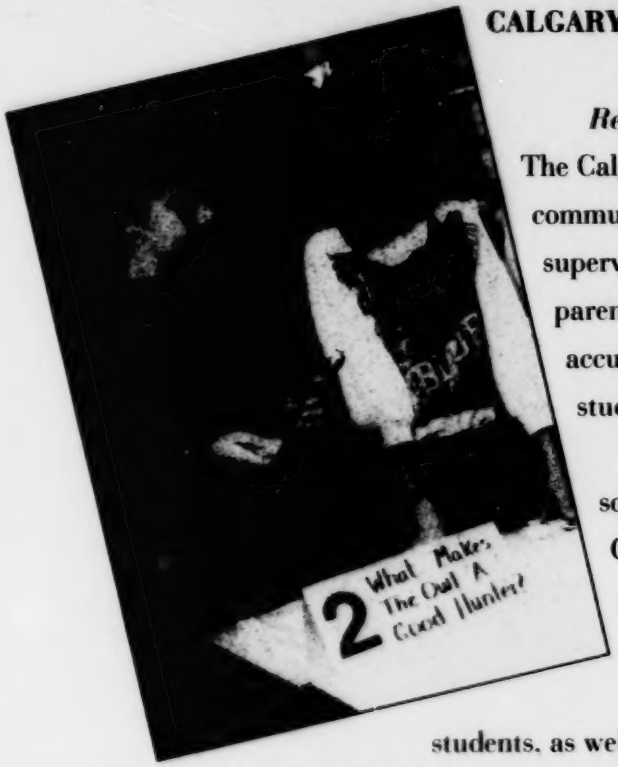
During 1988-89, Alberta Education's Goals of Education were given priority status. Regional office personnel assisted in the implementation of new and revised curricula in the zone. They provided consultative services to teachers and central office staff, conducting more than 100 workshops.

Regional Office staff members also served on curriculum review committees and achievement test and diploma examination development committees. In order to maintain their own personal professional development, they attended a wide range of meetings and seminars.

During 1988-89, staff members participated in 27 school and program evaluations in both public and private schools. These evaluations developed data that helped school jurisdictions improve educational opportunities for students. Evaluation policies and selected special needs programs were monitored throughout the zone. Continuing emphasis was placed on the liaison role of consultants with school jurisdictions. Communication with school systems continued to be stressed.

Administration functions of the office included approval of 175 school program plans; processing $8 million in grant applications; reconciling resident student counts; and dealing with local and provincial issues at the request of the Minister, local jurisdictions and senior education officials.

CALGARY REGIONAL OFFICE OF EDUCATION



Report of the Director:

The Calgary Regional Office plays a key role in facilitating communication with school superintendents, trustees, supervisors and program specialists, principals, teachers and parents in local school jurisdictions. To the extent that accurate and complete information is easily exchanged, students ultimately benefit.

In striving toward quality teaching and effective schools for the 140.000 students in Zone 5, the Calgary Office took part in some 35 school and program evaluations in cooperation with school authorities.

In addition to evaluating reports, staff monitored the 50 private schools serving 4,500 students, as well as the 90 Early Childhood Services centres serving 2,200 preschoolers.

The School Program Plans for the 550 schools in Zone 5 were approved by the office's 16 consultants, ensuring that students have access to the basic program requirements specified by Alberta Education.

To ensure the availability of the 12 special needs programs, grant applications from 17 school jurisdictions totalling $35 million were approved.

The office mediated about 150 complaints and concerns expressed by parents and citizens. Usually these disagreements involved student access to a specific learner needs program.

To help teachers and school administrators offer the best possible education to our students, the office provided inservice workshops dealing with new courses; attended meetings explaining the new School Act; served on student examination committees; and helped curriculum committees revise existing courses and learning resources.

LETHBRIDGE REGIONAL OFFICE OF EDUCATION

Report of the Director:

The Lethbridge Regional Office serves approximately 47,150 students in 26 school jurisdictions, 17 private schools, and 34 private Early Childhood Services (ECS) operations in Zone 6.

During 1988-89, staff assisted school jurisdictions by providing evaluation, monitoring, and consulting services; accrediting school programs; and certifying special needs grants. Staff also served on provincial committees and assisted in resolving local issues.

Significant accomplishments during 1988-89 included the following:

- Assisted in conducting 23 school evaluations and five province-wide program evaluations, including one private school. Inputs, processes, and outcomes were assessed in order to improve the quality of education for students. Exemplary practices were identified and shared with other schools in the zone.
- Assisted other branches to develop curricular programs, support materials, and achievement and diploma examinations. Workshops were conducted to assist teachers and administrators to implement new programs and initiatives.
- Accredited 195 elementary, 136 junior high, and 48 senior high school programs to ensure that all students had access to programs that met their needs.
- Certified approximately $9.6 million in special needs grants claims. Five special needs grants areas were monitored, as well as evaluation policies and programs in private and public schools. Data gathered was used to improve programs at the local level and to initiate policy and program changes within the department.
- Assisted jurisdictions to manage their own program evaluations. A total of 43 school system personnel were trained to conduct evaluations.
- Attended regional meetings of school superintendents, trustees, administrators and teachers to promote and facilitate communication and cooperation among groups interested in improving education.

COMMUNITY AND INTERNATIONAL EDUCATION BRANCH

Report of the Director:

In 1988-89, the Support Programs Branch changed its name to the Community and International Education Branch to more accurately reflect the nature of its work: to develop and implement programs designed to give students total language and culture immersion experiences and to provide them with opportunities to acquire the skills, knowledge, and values they will need to function effectively in the complex global society of the future.

Branch activities are divided into four sections: School Food Services, Interdepartmental Community Schools Committee, Adult Basic Education, and Educational Exchange.

School Food Services:

School Food Services assists schools in planning, developing, implement- ing and operating school lunch programs. Each community's lunch program is managed by a locally-incorporated society from the client community.

In 1988-89, 2,700 nutritional lunches were served each school day in 29 communities throughout northern Alberta, for a total of over 471,000 individual lunches served annually. This was accomplished through the combined efforts of 64 part-time kitchen staff, 29 part-time bookkeepers and 182 volunteer board members.

School Food Services also provided consulting services on menu design, kitchen staff training and nutritional services to six Alberta schools.

Interdepartmental Community School Committee:

The committee, through the cooperation of Alberta Education, Advanced Education, Culture and Multiculturalism, and Recreation and Parks, coordinates initiatives in community schools and community education. Its major focus is to carry out the Alberta Community School Program which promotes community school development in communities that choose this approach.

Adult Basic Education:

The program is designed to improve adult student access to basic education and to provide educational services which meet the diverse needs of adult students.

Provincial funding is available to school jurisdictions which offer extension programs to individuals who are beyond school age. Grants are available for both basic literacy programs (grades 1-9) and extension programs for high school credit courses.

Educational Exchange:

The educational exchange program provides opportunities to increase teachers' professional competence and to enhance student educational programs and linguistic skills.

Through the Alberta/Quebec Six-Month Student Exchange Program, 85 Alberta students improved their French language skills by spending three months in a total immersion situation with a Quebec family and attending the local school. These students stayed in Saquenay/Lac St. Jean/Laurentides, or Abitibi/Temiscamingue regions.

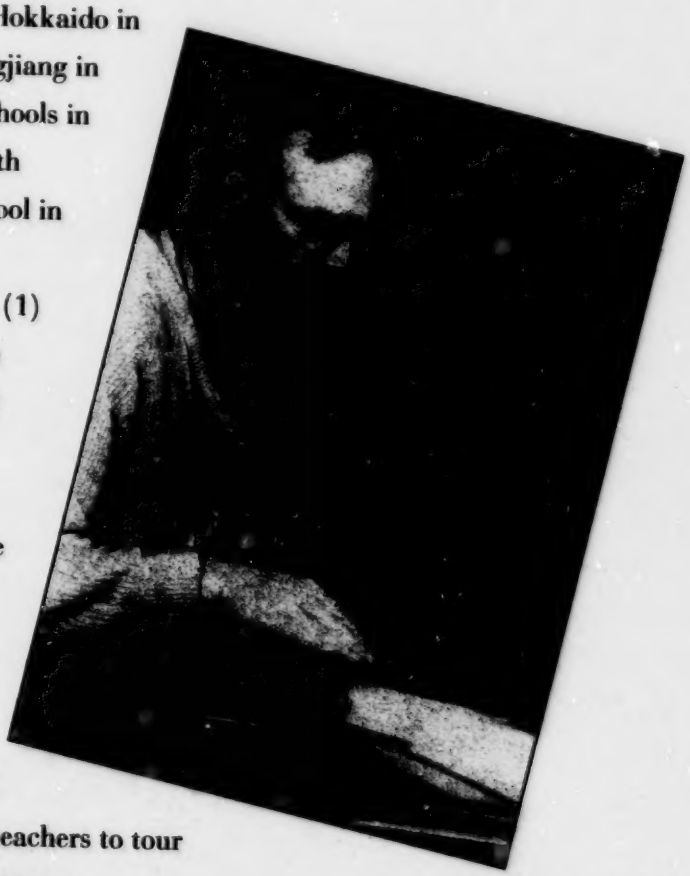
A similar opportunity was provided to 54 Alberta students through the Alberta/Federal Republic of Germany Six-Month Student Exchange Program. Students spent three months in Hesse or Bavaria in West Germany.

A focus on interprovincial understanding and national unity was provided by the following two programs:

- The 18th annual Interchange on Canadian Studies Conference in Carleton, Quebec, was attended by 15 Alberta high school student-delegates.
- Alberta classrooms again participated in the Alberta/Quebec Twinning Program, whereby "twinning classes" exchange information and materials during the year.

A total of 27 teacher exchanges were arranged with the United Kingdom, Australia, West Germany, Ontario, New Brunswick, and Prince Edward Island. Alberta teachers who participated in European Summer Seminars for Educators were provided assist- ance in making contacts and finalizing arrangements.

Educational links with Asia-Pacific nations were strengthened through various twinning and exchange activities. Special emphasis was placed on liaison activities with Alberta's sister provinces: Hokkaido in Japan, Kangwon-Do in South Korea, and Heilongjiang in China. Ten Alberta schools were twinned with schools in Hokkaido, three with Kangwon-Do, and eight with Heilongjiang. One school was twinned with a school in Thailand.



Other liaison activities with Japan included: (1) the services of a Japanese teacher provided by the Hokkaido Government; (2) a 10-member student delegation from the Calgary Public Board of Education to an International Art camp in Hokkaido; (3) student exchanges with the Yamate High School in Yokohama; (4) placement of Japanese students and intern teachers in Alberta schools; (5) the recruitment of Alberta teachers to teach English in Japan; (6) scholarships offered for Alberta students to study in Japan; (7) an invitation from the Japan Foundation for four teachers to tour Japan; and (8) a series of teacher workshops on Japan.

TEACHER CERTIFICATION AND DEVELOPMENT BRANCH

Report of the Director:

The major actions, activities and accomplishments of the Teacher Certification and Development Branch during 1988-89 were as follows:

- The opportunities for well-qualified teachers to be certificated in Alberta were increased through the establishment of bilateral agreements on certification with other provinces.
- The Early Childhood Services (ECS) Diploma requirement for teachers of ECS classes was discontinued. This change allows school jurisdictions flexibility in choosing the best available teacher for elementary classrooms.
- In view of the changing nature of post secondary education around the world, the branch undertook a major survey of non-traditional teacher training programs throughout the world. The information will help in a review of certification policies.
- The Council on Alberta Teaching Standards developed a program to celebrate and foster excellence in teaching, stimulate public confidence in teaching, and recognize creative and innovative teaching practices. Many teachers will be recognized locally. In addition, this program will feature a major Awards banquet to honour 20 teachers who will be presented with provincial Excellence in Teaching Awards.
- The Council on Alberta Teaching Standards planned to sponsor a Forum on Teacher Education. The purpose of this forum will be to bring together representatives of the educational community to discuss ways of improving teacher education programs and the continuing professional development of teachers.
- The process for reviewing the practice of unskilled or incompetent teachers was initiated. During the year, the branch investigated three complaints from parents and two complaints as a result of terminations of contract. One of these complaints led to a panel hearing. The Minister acted upon the recommendation of the panel to suspend the teacher's certificate until a supervised practice teaching experience was completed.
- The branch is developing a document on criteria for effective teaching as a guide for Regional Office of Education consultants in evaluating teachers.
- A preliminary study to assess the impact of teacher evaluation practices in Alberta was completed.

See **Tables 8-12** for more details on branch activities.

Table 8
Teaching Certificates Issued
From April 1, 1988 to March 31, 1989

Permanent Professional Certificates	1,294
Interim Professional Certificates	1,971
Interim Provisional Certificates	20
Letters of Authority	107
Temporary Letters of Authority	153
Interim Permits	50
Early Childhood Services Diplomas	264
Total	3,859

Table 9
Professional Statements Issued
From April 1, 1988 to March 31, 1989

Destination of Teacher	Number of Statements
CANADA	
British Columbia	489
Ontario	308
Saskatchewan	83
Northwest Territories	69
Manitoba	28
Quebec	22
Nova Scotia	21
New Brunswick	11
Newfoundland	8
Prince Edward Island	4
UNITED STATES OF AMERICA	12
NOT SPECIFIED	67
TOTAL	1,122

Table 10
Certificates, by Type, Held by All Active Teachers

Certificate Type	Teachers Employed by Public Schools *	Other Schools Including Private Schools	Total
Professional	29,566	976	30,542
Provisional	13	1	14
Standard S	286	7	293
Standard E	598	18	616
Junior E	598	14	612
Letters of Authority	19	7	26
Total	31,080	1,023	32,103
Early Childhood Services Diplomas	2,721	222	2,943
Early Childhood Services Permits	175	15	190
Total	2,896	237	3,133
GRAND TOTAL	33,976	1,260	35,236

* Public refers to both public and separate schools.

Table 11
Degrees, by Type, Held by All Active Teachers

Certificate Type	Teachers Employed by Public Schools*	Other Schools including Private Schools	Total
B.Ed. only	17,638	582	18,242
B.Ed. and other	4,794	142	4,936
Other Bachelor Degrees	3,651	153	3,804
M.Ed. only	2,392	46	2,438
M.Ed. and other	56	1	57
Other Masters Degrees	970	44	1,014
Doctorate	185	11	196
Total	29,708	979	30,687

* Public refers to both public and separate schools.

EDUCATION RESPONSE CENTRE

Report of the Director:

The Education Response Centre is responsible for the management of special educational services including the development of curriculum support materials related to special needs students. The centre has two locations. Its provincial office is in Edmonton and the Education Response Centre-South is in Calgary.

The centre manages direct and indirect services on behalf of special needs students. Among the centre's activities and initiatives in 1988-89 were the following:

- The Alberta School for the Deaf provided a program for 93 deaf students in 1988-89. The school offers a total communication environment utilizing sign language, auditory training and speech/language development.
- Materials Resource Centres are located in Edmonton and Calgary and provide special materials and equipment to visually impaired students across the province. Over 10,000 braille, audiotape and large print

Table 12
Interim Certificates Issued from April 1, 1988 to March 31, 1989 to Teachers Entering Alberta

Origin of Teacher	Number of Certificates Issued
1. Other Provinces	
Quebec	146
Saskatchewan	166
Ontario	88
British Columbia	65
Manitoba	57
Nova Scotia	40
New Brunswick	27
Newfoundland	12
Prince Edward Island	7
Sub Total	608
2. Other Countries	
United States of America	65
United Kingdom	12
Australia	2
France	1
Czechoslovakia	1
Germany	3
Hungary	2
Mauritius	1
Singapore	1
Sub Total	88
TOTAL	696

textbooks are currently available for loan and materials are produced on request from school authorities.

- Contracted programs managed by the centre include seven programs in centres for young offenders across the province and three regional assessment and consultation programs for sensory multi-handicapped students.
- The centre developed, reviewed and revised policy relating to funding and operation of special education in Alberta. A new student record regulation was developed; the mandate for the provision of speech therapy was reviewed and assigned to the Department of Health; and policies and procedures for the implementation of the resident student of government grant were developed.
- The training needs of special educators across the province were assessed and activities for the professional development of teachers, aides and parents were addressed through workshops, seminars and conferences. Satellite TV technology and computer technology for special education were also investigated.
- In the area of support document development, monographs, videotapes, brochures and booklets were produced to assist staff working with special needs children. Areas addressed included deafness and hearing impairment, individual program plans, computer courseware, parent resources, awareness of disabling conditions and career development. An annotated listing of Alberta Education resources for special education and guidance and counselling was also produced.
- A major effort in the area of information services resulted in the implementation of the Alberta Special Education Network (ASPEN), and the Response Line Services (RLS). ASPEN is a province-wide, toll-free computer network. The RLS is a telephone-based, toll-free, automated voice messaging service.
- Several resources were produced for student support services, guidance and counselling, including a Directory of Assessment and Consultation Personnel, and a Registry of Programs and Services for special needs students.
- The centre also provided consultation, mediation, and dispute resolution services to assist school authorities and other stakeholders in their delivery of services to special needs children in Alberta.

Finance and Administration Division

REPORT OF THE ASSISTANT DEPUTY MINISTER

The Finance and Administration Division is responsible for the financial and administration services that support Alberta Education's programs, priorities and initiatives. This includes the administration of the department's human resources and operational budget, its capital budget of $99.5 million and over $1.3 billion in financial support for schools.

These responsibilities are divided among seven branches: Finance and Support Services; School Business Administration Services; School Buildings Services; Legislative Services; Information Services; Human Resource Services and the Learning Resources Distributing Centre.

Throughout 1988-89, the division strove to help the department achieve its primary goals of excellence, equity and efficiency. During this period, the division's achievements and initiatives included:

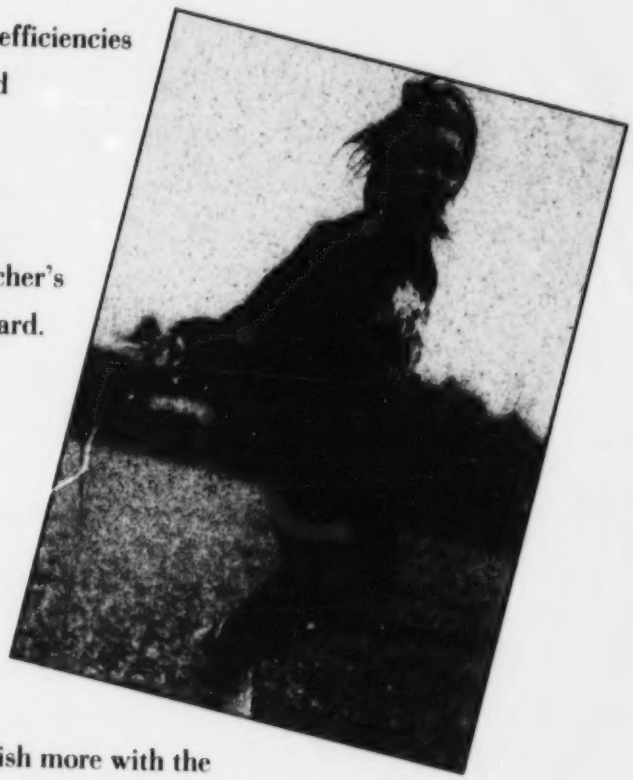
- development of an improved formula for equity funding to school boards;
- payment of $1.37 billion in grants to school boards;
- introduction of a new Distance Learning Equipment and Operating Grant, a new High Needs School Grant, and Secondary Education Implementation Credit Allocation Grant;
- allocation, under from the School Buildings Board, of $99.5 million in government funding for school capital projects out of a total request of $223 million;
- revision to the School Buildings Tendering and School Disposition Regulations to complement changes to the School Act;
- publication of a draft of the Revised School Capital Policies Regulations andGuidelines Manual;
- provision of extensive support to the newly-established Appeals and Student Attendance Secretariat;
- provision of extensive inservicing of the education community regarding major changes to federal copyright laws;
- development of a Strategic Information Plan;
- acquisition of over $1 million of computer equipment for the Distance Education Project;
- provision of training and professional development in the areas of

supervisory management, computer software application, project management, leadership skills and change management;

- development of a comprehensive orientation program for new staff members;
- completion of enrolment verification and transportation reviews;
- provision of assistance in the formation of 24 separate school districts and the dissolution of 42 separate school districts;
- increase of 23.6 per cent in net sales of learning resources by the Learning Resources Distributing Centre.

In addition, the division introduced various operating efficiencies through improved electronic automation and improved management systems.

During 1988-89, the Assistant Deputy Minister represented the interests of the government and the department on the Board of Administrators of the Teacher's Retirement Fund, and chaired the School Buildings Board.



FINANCE & SUPPORT SERVICES BRANCH

Report of the Director:

Finance and Support Services plays a key role in ensuring the best quality education for Alberta students within the framework of the legislative guidelines for financial operations. In these times of restraint, the branch continues to seek ways to accomplish more with the same resources. Branch responsibilities are to:

- plan, direct and manage the department's budget;
- provide grants to schools;
- assess the financial effects of funding policies and search for a fiscal equity formula program that supports the educational needs of all Albertans;
- provide internal financial and administrative support services to department staff.

Important achievements in 1988-89 included:

- developing the 1989-90 Alberta Education budget proposal that resulted in provincial student operating grants to schools increasing by 5.5 per cent to $1.5 billion (double that of 1979);

- developing an improved equity funding formula;
- responding to more than 2,500 letters concerning general and detailed queries about educational funding;
- managing a $1.386 billion budget, including the payment of $1.378 billion in grants to school authorities;
- establishing a Financial Management Standard and Controls Section to assist department managers.

Finance, Budget and Support Services:

The responsibilities of this section include financial services (including payroll), revenue administration and mail services, administrative support services, and budget and planning management.

Revenue Administration collects and deposits all Alberta Education revenue. Incoming and outgoing mail handled in 1988-89 by the Central Mail Unit was 235,900 and 610,258 pieces respectively.

Administrative Support Services Unit responsibilities included maintaining a fixed assets inventory, emergency services planning, accommodation and capital budget planning for the department, photocopying services, purchasing services and assembly and distribution of publications. The Accommodations Unit completed 460 requests for services, 200 telecommunication service requests, 130 requests for furniture, eight capital projects and 16 leased-space projects.

The Central Support Unit handled 6,900 publication orders in 1988-89 and processed 620,000 or more photocopies per month.

The Budget Unit helped all branches prepare their annual budgets. During 1988-89 the unit further streamlined the budget process for all managers by developing a standard and effective computer program.

Financial Services established more than 2,500 new vendor accounts and processed 37,000 invoices. The unit also processed the department's monthly payroll for permanent, project and wage employees. Pay reviews for the administrative staff series review, two negotiated salary increases for Alberta Union of Provincial Employees and the pay review for management employees were also completed.

Financial Management, Standards and Controls:

This section ensures that the department complies with all pertinent financial procedures and directives. Managers are assisted in implementing standards and effective financial management practices.

In 1988-89 the section coordinated and implemented Pupil Verification

and Transportation Monitoring and Evaluation Policies by determining the school authorities and schools that will be audited annually. Follow-ups on departmental audits undertaken by the Office of the Auditor General and Treasury were also conducted.

The responsibilities of this section are to:

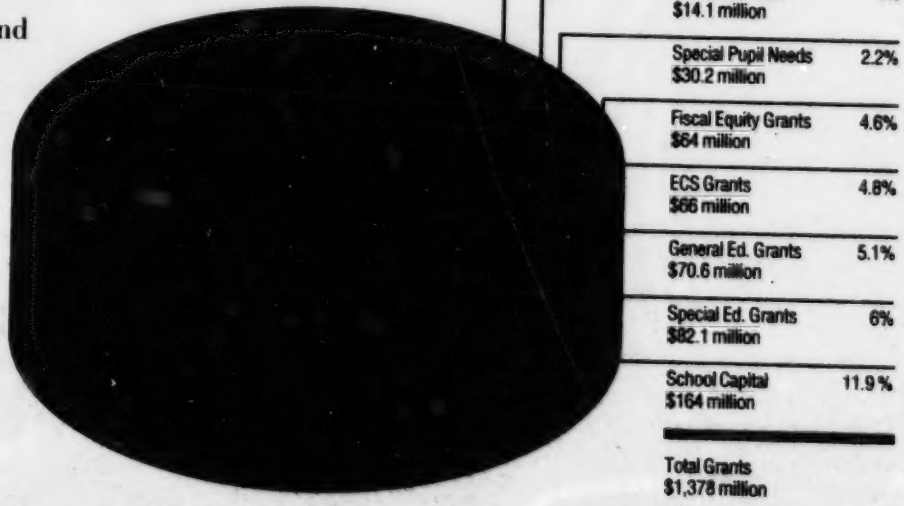
- Advise senior executives on the degree to which internal and external financial management policies, practices and controls are being observed by managers;
- Conduct systematic appraisals of departmental financial operations;
- Ensure consistency by helping managers implement standards systems, controls, operations and monitoring;
- Support development of financial standards, procedures, systems and controls.

During 1988-89 the section also:

- Conducted reviews, evaluations and assessments within the department on (1) revenue collection and write-off procedures and practices; (2) EDP systems development, acquisition and contract arrangements; (3) learning resources acquisition procedures; (4) cash management procedures; (5) summary of pupil and transportation verifications; and (6) department cash expenditure forecasts;
- Provided advice and assistance to department staff concerning government and department financial policies, procedures, regulations and standards involving accounting principals and financial management;
- Provided input to the Interdivisional Monitoring Committee, Management Systems Financial Reporting User Group, Project Management Steering Committee, and the Financial Management Course Steering Committee.

FIGURE E

Grants to schools during Fiscal Year ended March 31, 1989


Basic Instr./Trans. $887 million 64.4%
Private Schools $14.1 million 1%
Special Pupil Needs $30.2 million 2.2%
Fiscal Equity Grants $64 million 4.6%
ECS Grants $66 million 4.8%
General Ed. Grants $70.6 million 5.1%
Special Ed. Grants $82.1 million 6%
School Capital $164 million 11.9%
Total Grants $1,378 million

Grants Planning and Administration:

The Grants Planning and Administration section identifies and researches specific education issues and trends as they relate to funding, and monitors the potential effects of funding policies. The section also explains finance policies to MLA's, school authorities, interest groups such as the ASTA and ATA, and the general public.

In 1988-89, the section:

- Processed 2,539 grant applications and made payments totalling $1.378 billion for 39 different grant types in eight major grant categories.
- Processed enrolment reports from 145 public and separate school boards, 135 private schools, 216 private ECS operators, one public college and the Alberta School for the Deaf. The reports involved 487,550 students in 1,901 schools and Early Childhood Services centres.
- Collected $154.6 million from 373 municipalities for the School Foundation Program Fund.
- Helped school authorities obtain funds, revised the School Grants Manual, simplified application forms, revised payment policies and explained financial policies and regulations at regiona finance workshops.
- Continued development of the Grants Financial and Statistical System (GFSS) to improve grant processing.
- Developed the 1989-90 grants budget, improvements in equity funding, a new Distance Learning Equipment and Operating Grant, and a new High Needs School Grant.
- Revised the Fiscal Equity Grant after analyzing the factors influencing school board per student expenditures. The result was improved cost and tax revenue equity among school jurisdictions. The formula for the Distance Learning Equipment and Operating Grant was developed and approved for implementation on September 1, 1989.
- Improved its financial and statistical modelling capability, and demonstrated the financial impacts of proposed changes under the School Act.

SCHOOL BUSINESS ADMINISTRATION SERVICES BRANCH

Report of the Director:

School Business Administration Services serves all public jurisdictions, private schools, Early Childhood Services private operators, educational groups and

government departments in the province by providing support, advice and counselling in financial and administrative matters.

During 1988-89 branch services included:

- monitoring administrative and fiscal activities of school boards;
- assisting in developing and implementing statutes, regulations and policies concerning financial and administrative practices;
- arbitrating in boundary disputes and processing boundary changes, establishing school districts, and arbitrating upon request in disputes such as student transportation and tuition issues;
- reviewing capital finance plans and processing debentures and capital loans.

Major accomplishments of the branch in 1988-89 included:

- Enrolment verification in 17 randomly selected public jurisdictions and two identified jurisdictions representing 84,272 students; and enrolment verification in six private schools representing 361 students and 12 Early Childhood Services private operators representing 252 children;
- Rural transportation reviews in 20 jurisdictions providing transportation services to 13,731 eligible passengers travelling over 138,691 kms;
- Reviews of 197 school board audited financial statements and budget report forms, 96 private schools and 221 Early Childhood Services private operators financial forms;
- Assistance in the formation of 24 separate school districts, two public districts, one school division and amalgamation or dissolution of 42 separate districts;
- Financial analysis of approximately 35 school jurisdictions resulting in granting of contingency funding to nine jurisdictions, seven incremental grants and three transitional grants;
- Assistance to the Faculty of Extension, University of Alberta in the provision of courses to secretary-treasurers in financial management and administrative practices;
- Collaboration with Regional Offices of Education in providing workshops to Early Childhood Services executives;
- Arbitration of several disputes concerning student transportation, boundary and electoral boundary issues, resident student issues, tuition disagreements and other issues.

SCHOOL BUILDINGS SERVICES BRANCH

Report of the Director:

Throughout 1988-89, the School Buildings Services Branch helped school boards provide new, modernized and upgraded school facilities for Alberta students and communities.

The branch reviewed and processed a large number of applications for capital funding that the School Buildings Board approved: a total of $99.5 for the 1989 capital program year, out of a total request of $223 million. (During 1988-89 the School Buildings Board reviewed 3,400 capital project requests.)

Branch staff helped school boards with school design, accommodation for specific programs and courses, tendering procedures, code requirements and technical building needs. In providing these services, branch staff:

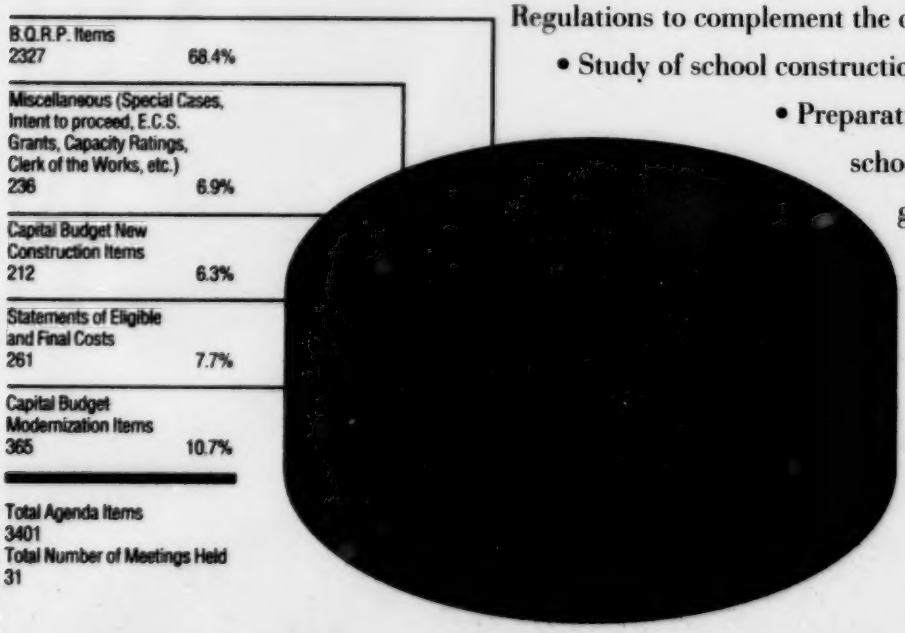
- Inspected 1,180 new construction, modernization and building quality restoration projects;
- Participated in over 200 meetings with school boards;
- Conducted 85 school facility evaluations, as well as special needs studies to ensure the most efficient use of our resources to meet student needs;
- Attended 21 official school opening ceremonies and distributed plaques, coats of arms and flags for official openings at 97 schools.

In order to enhance the efficiency of public funds spent on school buildings, the branch worked on or completed the following initiatives:

- Revision of the School Buildings Tendering and School Disposition Regulations to complement the changes in the School Act;
- Study of school construction cost;
- Preparation and distribution of school capital priorities and guidelines for 1990;
- Preparation and circulation of a draft copy of the Revised School Capital Policies Regulations and Guidelines Manual.

FIGURE F

School Buildings Board
Frequency and Type of
Agenda Items Dealt With
April 1, 1988 - March 31, 1989



Branch staff were involved in resolving and mediating local issue resolution at the request of school jurisdictions, senior education officials and the Minister. They served on interdepartmental and interbranch committees, and were involved with national and international facility planning organizations.

The branch also played a major role in the planning, organization and coordination of the Council of Educational Facility Planners Alberta Chapter Conferences held in November 1988 and March 1989, as well as the Pacific Northwest Regional Conference in July 1989 in Victoria, B.C.

See **Tables 13 and 14** and **Figures F, G, H and I** for more details of branch activities.

FIGURE G
School Buildings Services Branch
Construction of New Facilities
April 1, 1988 - March 31, 1989

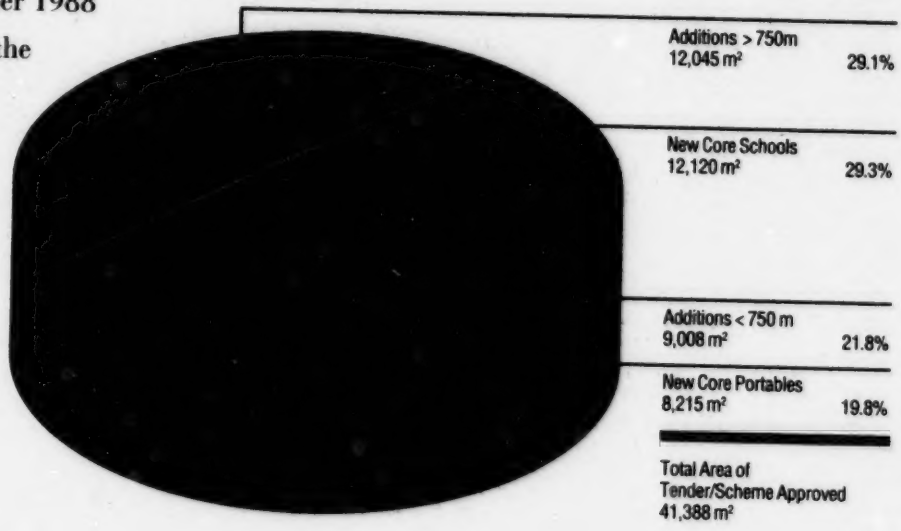


FIGURE H
School Buildings Services Branch - Expenditures on Building Quality Restoration Program by Category
April 1, 1988 - March 31, 1989

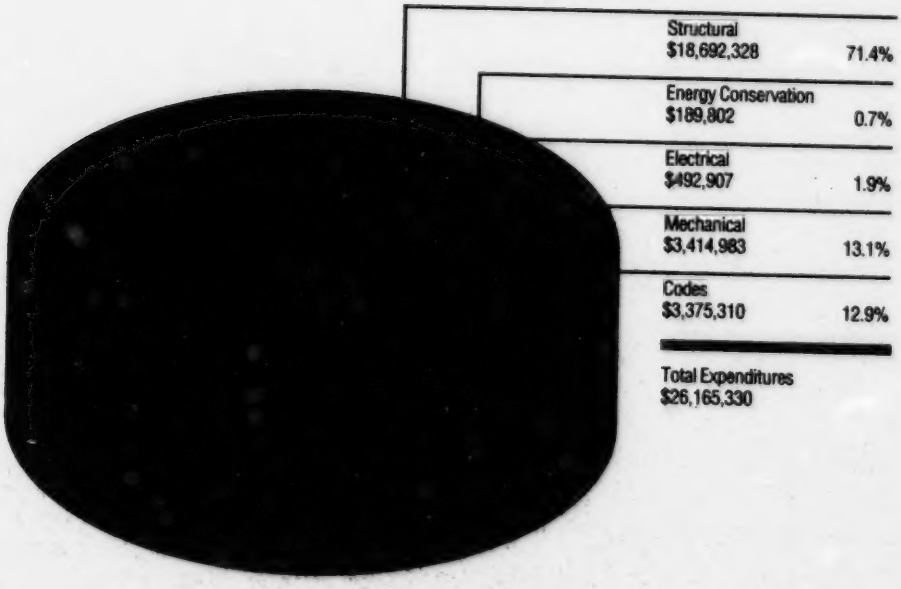


Table 13 New Construction Projects Tendered April 1, 1988 - March 31, 1989

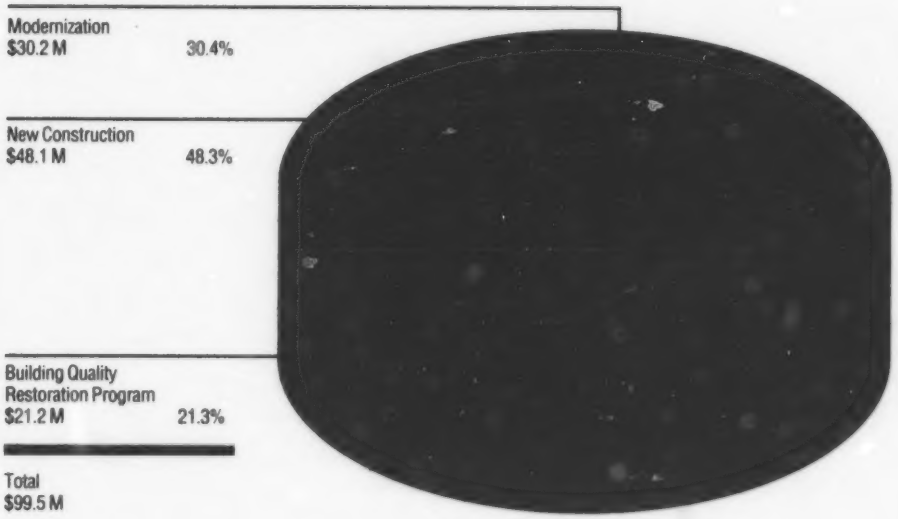
Jurisdiction	Project Name	Date of Tender
Edmonton S. Dist. #7	Rosslyn Addition	April 11, 1988
Lac La Biche S. Div. #51	Caslan Addition	April 14, 1988
Lac La Biche S. Div. #51	Plamondon Addition	April 14, 1988
Sherwood Park CSSD #105	Archbishop Jordan Addition	April 25, 1988
Edmonton RCSSD #7	St. Nicholas Addition	May 10, 1988
Lac La Biche S. Div. #51	Kikino Core School	May 14, 1988
Lac La Biche S. Div. #51	Central Elem. Addition	May 14, 1988
Edmonton S. Dist #7	La Perle 4 Core Portables	June 7, 1988
Edmonton S. Dist. #7	Minchau 4 Core Portables	June 7, 1988
Mount Rundle S. Div. #64	Canmore Addition	June 8, 1988
Calgary RCSSD #1	15 Core Portables	June 9, 1988
Northland S. Div. #61	Calling Lake Addition	June 20, 1988
Edmonton S. Dist. #7	Hillcrest Addition	June 30, 1988
Provost S. Div. #33	Hughenden Addition	July 4, 1988
County of Leduc #25	Warburg Addition	July 4, 1988
Starland S. Div. #30	Morrin Addition	July 7, 1988
Jasper S. Dist. #3063	Jasper Jr./Sr. High Addition	July 12, 1988
Wetaskiwin RCSSD #15	St. Joseph 4 Core Portables	July 14, 1988
Edmonton S. Dist. #7	10 Core Portables	July 14, 1988
Edmonton S. Dist. #7	Daly Grove 8x8 Core School	July 14, 1988
Fort Vermilion S. Div. #52	La Crete Addition	July 29, 1988
Fort Vermilion S. Div. #52	La Crete 2 Core Portables	July 29, 1988
Glen Avon PSSD #5	Glen Avon Addition	July 29, 1988
Lakeland S. Dist. #5460	H.E. Bourgoin 2 Core Portables	July 29, 1988
Lakeland S. Dist. #5460	Duclos 1 Core Portable	July 29, 1988
Foothills S. Div. #38	Big Rock 4 Core Portables	Aug. 5, 1988
County of Red Deer #23	Sylvan Lake 6x6 Core School	Aug. 12, 1988
St. Albert S. Dist. #3	Marguerite d'Youville 4 Core Portables	Sept. 23, 1988
County of Parkland #31	Woodhaven 2 Core Portables	Sept. 29, 1988
County of Parkland #31	Queen Street 1 Core Portable	Sept. 29, 1988
County of Parkland #31	Eldorado 2 Core Portables	Sept. 29, 1988
Edmonton RCSSD #7	St. Hilda Addition	Sept. 29, 1988
Edmonton S. Dist. #7	Parkview Addition	Sept. 30, 1988
Edmonton RCSSD #7	Father Leo Green Addition	Oct. 7, 1988
Medicine Hat S. Dist. #76	Crescent Heights High Addition	Oct. 31, 1988
Medicine Hat S. Dist. #76	Webster Niblock Addition	Oct. 31, 1988
Spruce Grove RCSSD #128	St. Marguerite 4 Core Portables	Oct. 31, 1988
Calgary RCSSD #1	Bishop Carroll High Addition	Nov. 4, 1988
Lakeland RCSSD #150	Assumption Addition	Nov. 28, 1988
Calgary RCSSD #1	3 Core Portables	Dec. 5, 1988
Taber S. Div. #6	Dr. Hamman Addition	Dec. 22, 1988
County of Parkland #31	Duffield Addition	Jan. 3, 1989
County of Lac Ste. Anne #28	Darwell Addition	Jan. 3, 1989
Rocky Mountain S. Div. #15	Rocky Mountain Elem. Addition	Jan. 11, 1989
Fairview RCSSD #35	St. Thomas More Addition	Jan. 30, 1989
Whitecourt RCSSD #94	St. Mary's 4 Core Portables	Jan. 30, 1989
Peace River S. Div. #10	Magrath Elem. Addition	Jan. 30, 1989
Medicine Hat S. Dist. #76	Crestwood Addition	Feb. 28, 1989
Calgary RCSSD #1	Shawnessy 6x6 Core School	March 8, 1989
Grovedale S. Dist. #4910	Penson Addition	March 14, 1989
Whitecourt S. Dist. #2736	Hilltop Jr./Sr. High Addition	March 15, 1989
Totals		

Gross Area - m^2	Basic Tender Cost - $	Pro-Rated Tender Cost - $	Pro-Rated Cost Per m^2 - $	Capacity
967.30	580,000	604,012	624.43	50
395.67	491,277	511,615	1,293.03	0
1,053.53	998,186	1,039,511	986.69	150
21.67	21,113	21,987	1,014.63	0
302.69	246,000	256,184	846.36	25
2,043.16	2,364,959	2,462,868	1,205.42	200
240.00	278,974	290,336	1,209.73	0
416.51	270,808	282,000	677.10	100
453.72	288,039	299,964	661.12	100
21.30	16,900	17,600	826.29	0
1,366.20	665,000	692,531	506.90	375
1,486.56	2,446,880	2,548,181	1,714.15	125
100.00	71,000	73,939	739.39	25
668.90	743,270	774,041	1,157.18	135
272.09	295,119	307,337	1,129.54	0
911.24	749,000	780,009	855.99	185
194.50	175,433	182,696	939.31	0
456.76	272,651	283,939	621.64	100
833.70	584,000	608,178	729.49	250
2,959.60	2,645,000	2,754,503	930.70	300
151.50	420,000	437,388	2,887.05	20
201.60	285,500	297,320	1,474.80	50
135.00	122,817	127,901	947.41	0
178.40	46,000	47,904	268.20	50
89.20	23,000	23,952	268.52	25
395.75	212,000	220,777	557.87	100
2,369.50	2,074,438	2,160,320	911.72	225
298.96	212,473	221,269	740.13	100
193.83	143,579	149,524	771.42	50
109.23	81,054	84,410	772.77	25
193.83	153,911	160,283	826.93	50
91.40	68,700	71,544	782.76	25
315.00	217,000	225,984	717.41	0
225.20	241,120	251,102	1,115.02	0
152.00	123,158	128,257	843.80	0
78.00	50,172	52,249	669.86	0
400.00	283,677	295,421	738.55	100
299.20	336,496	350,427	1,171.21	50
973.50	995,921	1,037,152	1,065.38	70
273.20	152,542	158,851	581.47	75
646.90	357,000	371,780	574.71	25
543.50	552,951	575,844	1,059.51	100
704.60	768,977	800,812	1,136.55	0
766.70	825,000	859,155	1,120.59	50
1,450.00	1,855,404	1,932,217	1,332.56	200
411.76	332,667	346,440	841.36	100
452.50	607,716	632,875	1,398.62	100
400.00	408,080	424,975	1,062.44	50
2,397.30	2,296,616	2,391,696	997.66	225
658.80	798,656	831,720	1,262.48	100
863.40	998,331	1,039,662	1,204.15	95
31,584.86	30,248,565	31,500,642		4,180

Table 14
New Construction Schemes Other Than by Public Tender
April 1, 1988 - March 31, 1989

Jurisdiction	Project Name	Description
County of Barrhead #11	Fort Assiniboine Addition	Library, Mechanical Area, etc.
County of Barrhead #11	Fort Assiniboine 2 Core Portables	2 Dry Core Portables
Whitecourt S. Dist. #2736	Pat Hardy 6 Core Portables	6 Dry Core Portables
County of Wheatland #16	Hussar Addition	Non-Instructional Areas
High Prairie S. Div. #48	Joussard Addition	Non-Instructional Areas
Cardston S. Div. #2	Mountain View Addition	4 Classrooms
Cardston S. Div. #2	Magrath Addition	Ancillary, Library, Gym, etc.
Yellowhead S. Div. #12	Harry Collinge Addition	Cafeteria/Ancillary, 3 Station Gym, etc
Rocky View S. Div. #41	Beiseker Addition	Gym Storage
County of Parkland #31	Meridian Heights Connecting Corridor	Portable Connecting Corridor
County of Parkland #31	Meridian Heights Core Portable	1 Core Portable
County of Vermilion River #24	Dewberry Addition	Ancillary, Gym Storage, etc.
County of Parkland #31	Stony Plain Jr. High 2 Core Portables	2 Core Portables
Grande Prairie S. Dist. #2357	Club Estates 6x6 Core	New 6x6 Core School
County of Flagstaff #29	Daysland Addition	2 Ancillaries, Library Ext., Stage, etc.
County of Ponoka #3	Rimbey Addition	Gym Storage, etc.
Edmonton RCSSD #7	Holy Family 2 Core Portables	2 Core Portables
Edmonton RCSSD #7	Cardinal Leger 2 Core Portables	2 Core Portables
Wainwright S. Div. #32	Wainwright High Addition	Home Economics Extension, etc.
Red Deer RCSSD #17	Ecole St. Louis de Montfort Addition	Washroom Area
Red Deer RCSSD #17	4 Core Portables	4 Core Portables

FIGURE 1
Funding Allocations Approved by the School Buildings Board in October 1988



Tender Scheme Date	Gross Area - m^2	Estimated Cost - $	Capacity
May 10, 1988	270.00	301,043	0
May 10, 1988	199.60	136,528	50
May 14, 1988	552.86	341,510	150
June 3, 1988	147.50	152,800	0
June 30, 1988	102.80	67,650	0
July 5, 1988	475.00	552,500	100
July 6, 1988	1,877.90	2,006,785	25
July 14, 1988	1,695.37	1,870,000	25
Aug. 12, 1988	47.48	22,300	0
Aug. 25, 1988	76.95	37,500	0
Aug. 25, 1988	109.20	65,000	25
Aug. 31, 1988	200.00	279,635	25
Sept. 6, 1988	216.40	131,250	50
Nov. 4, 1988	2,350.40	2,547,000	225
Nov. 10, 1988	496.50	446,083	50
Nov. 22, 1988	89.90	52,000	0
Dec. 13, 1988	204.80	95,200	50
Dec. 15, 1988	174.50	103,300	50
Jan. 23, 1989	61.80	42,000	0
Feb. 24, 1989	47.00	43,170	0
Feb. 24, 1989	407.40	306,830	100
	9,803.36	9,600,084	925

LEGISLATIVE SERVICES BRANCH

Report of the Director:

Legislative Services is responsible for interpreting legislation and regulations administered by Alberta Education and providing advice to Alberta Education staff. In 1988-89, the branch helped to develop an Alberta Education Regulations Manual including the new Regulations, and a School Act Forms Manual. In addition, it provided consultation with respect to department policies and procedures related to legislation.

Other responsibilities included the administration of the contract system; the preparation of Ministerial Orders and recommendations for Orders in Council; the preparation of Ministerial letters of authority; applications for Commissioners for Oaths; and the negotiation of contracts for custom-developed learning resources.

Legislative Services acts as liaison to the Attorney General's Department, preparing requests for legal opinions and interpreting these opinions to department staff. The branch also coordinated and managed education litigation matters.

During 1988-89 the branch provided extensive support to the newly-established Appeals and Student Attendance Secretariat, including participating in the interview process for the Attendance Board and providing inservice to Attendance Board members.

Major changes to federal copyright law required extensive inservicing of the educational community through articles for the *Infocus* newsletter and public presentations to teachers, government employees, librarians and school administrators.

The branch also provided public presentations or inservicing on many other topics including the School Act and Regulations, special education law, corporal punishment in schools, administrative law and the rules of natural justice.

Coordination with the Attorney General's Department took place in several areas including francophone education rights, Board of Reference hearings, unapproved private schools, transportation, and the right of access to education for foreign students.

The branch acted in an advisory capacity to the Council on Alberta Teaching Standards on matters relating to the Practice Review of Teachers Regulation and Procedures, and the Certification of Teachers Regulation.

The branch also served as a member of the Special Cases Committee; the Education Information Exchange Committee; the Private Schools and Home Education Committee; the Advisory Committee to the Appeals and Student Attendance Secretariat; the Program Policy Manual Committee; and the Confidentiality Policy Committee.

In addition, Legislative Services is a member of the following interdepartmental committees: Human Rights, Family Violence, Education, Medical and Social Services to Children, Copyright, Copyright Contacts Committee of the Council of Ministers of Education, and Practice Requirements for Psychologists.

INFORMATION SERVICES

Report of the Director:

Information Services provided a broad range of services to enable Alberta Education to deliver the best possible education to students in Alberta. These services include information planning, computer services, library, records management and office automation.

Information Services was involved in the following projects that demonstrated excellence and innovation:

- A Strategic Information Plan was developed to provide information to support the department's mission and goals. The plan included better student information, automated grants processing, sharing corporate information, and improved access to information through computer networks.
- Information reports and analysis provided new information to support publications including *Education in Alberta: Some Facts and Figures*, and *Teacher Supply and Demand Models*. A survey of computers in Schools was also processed for the Educational Information Exchange.
- Interactive Video was introduced to teach microcomputer concepts. The video combines the best features of a computer, television, and laser disk, to enable students to learn in a way tailored to their needs.
- The Telecommunications Pilot Project was initiated in cooperation with Edmonton Telephones to test the use of ISDN, a new telecommunications technology using standard telephone lines to rapidly transmit information.

Information Services supported several initiatives that improved the equity of educational opportunities to students across the province:

- Over $1 million of computer equipment was acquired for the Distance Education Project.
- Information was provided to the Education Response Centre to get a better understanding of how computers are used in Special Education.
- In-depth research was done by the branch's library staff to provide the latest information on distance education, second languages, curriculum and the family.

Information Services provided the following services to improve department efficiency:

- Provided automated solutions to assist the processing of student

records by identifying students eligible for retroactive credits and by processing diploma examination marks to automatically determine the best mark combination for those students who rewrite exams.

- Managed and processed a new computer system grants to schools.
- Completed a feasibility study to identify the requirements, costs and benefits of a more comprehensive Educational Information Exchange system to enable Alberta Education and school boards to have better information about students.
- Provided microcomputer training to over 200 people on word processing, electronic spreadsheets and computer data bases.
- Developed new records management systems for the Minister's Office, Education Response Centre and the Lethbridge Regional Office. The total savings through effective space management of records was $72,000.
- Developed and tested a successful disaster recovery plan to enable computer systems to function in the event of a disaster at a computer centre.
- Acquired desktop publishing equipment at a cost of $130,000. This investment enabled Alberta Education to realize a saving of $800,000 in phototypesetting costs during the first year of operation.

HUMAN RESOURCE SERVICES BRANCH

Report of the Director:

The principal operational activities of the Human Resource Services Branch during 1988-89 included 38 competitions to fill positions left vacant through transfer, promotion or termination, 77 position classification reviews, and two formal grievance actions.

In addition, the branch began a study to position the department to assume authority from the Public Service Commissioner to classify its own management positions.

In the area of Occupational Health and Safety, information sessions on AIDS in the Workplace and WHMIS were provided to staff. Additional activities during Occupational Health and Safety Week and Canada Fit Day served to heighten employee awareness of health and safety.

The branch also tied into the cross government APIX staffing system and broadened other human resource related data bases in order to better serve the information needs of department managers.

The Human Resource Management Unit supported department staff by implementing initiatives that enhance skills, improve productivity and increase staff effectiveness. The unit designed and conducted professional development workshops and seminars for managers and support staff in the areas of Supervisory Development, Computer Software Application, Project Management, Management/Leadership Skills, and Change Management.

A comprehensive Orientation Program was developed and implemented to provide new staff with the necessary information to make them effective and productive members of the organization as soon as possible.

LEARNING RESOURCES DISTRIBUTING CENTRE

Report of the Director:

The Learning Resources Distributing Centre provides required learning resources to ECS, grades 1-12, and post-secondary students, teachers, instructors, administrators and others, in a timely, businesslike, accurate and economical manner. It is a self-funded Revolving Fund entity under section 16 of the Department of Education Act.

Table 15
Human Resources Branch
Alberta Education, Staff Complement
All Positions, except Wages
At March 31, 1989

BRANCH	FILLED	VACANT	TOTAL
Minister's Office	5	1	6
Deputy Minister's Office Assistant Deputy Minister	4	0	4
Finance and Administration	3	0	3
Finance and Support Services	52	14	66
School Business Administration	14	2	16
School Buildings	21	1	22
Human Resources	14	0	14
Legislative Services	5	3	8
Information Services	51	3	54
Communications	4	0	4
Planning and Policy Secretariat	20	3	23
Assistant Deputy Minister Students Programs and Evaluation	4	0	4
Student Evaluation and Records	61	9	70
Language Services	19	6	25
Curriculum Design	25	7	32
Curriculum Support	18	12	30
Native Education Project	4	0	4
Alberta Correspondence School	146	14	160
Assistant Deputy Minister Program Delivery	5	0	5
Community and International Education	17	0	17
Special Education Response Centre	118	42	160
Grande Prairie Regional Office	13	1	14
Edmonton Regional Office	35	8	43
Calgary Regional Office	23	4	27
Lethbridge Regional Office	11	4	15
Red Deer Regional Office	17	1	18
Teacher Certification and Development	25	2	27
TOTAL	**734**	**137**	**871**
*Learning Resources Distributing Centre	55	13	68

* Alberta Education has responsibility for administering the Learning Resources Distributing Centre but the department's regular staff complement does not include the centre's staff. The Learning Resources Distributing Centre is a statutory appropriation.

The centre's operations are conducted from its mail and phone order distribution office in Edmonton, and through its retail bookstores in the Alberta College of Art, Calgary; Lakeland College; Vermilion and the two Alberta Institutes of Technology in Calgary and Edmonton.

The centre also provides warehousing and distribution services of educational materials for some government departments as well as special orders for teachers on an as-needed basis.

Net sales for 1988-89 were 23.6 percent higher than the previous year (**Table 16**). Price increases to LRDC customers of around 6 per cent were due to vendor price increases of about 6 per cent and an LRDC average markup decrease of 2.5 percentage points. The centre also administered a basic learning resources acquisition subsidy grant to eligible school jurisdictions and a new Secondary Education Implementation Credit Allocation grant program for the purchase of eligible secondary learning resources.

The centre processed approximately 8,500 vendor invoices involving about 16,000 individual products. It received over 2.5 million pounds of freight. In the ECS to Grade 12 division, the centre sold approximately 1.9 million units, issued 50,240 customer sales invoices and processed 39,497 individual customer orders. The centre undertook 101 distribution services which resulted in gross revenue of $271,000.

The LRDC undertook these initiatives during 1988-89 to improve customer service:

- Improved customer service and reduced price markup by introducing various operating efficiencies;
- Provided school boards with monthly credit statements for individual schools to assist them in managing the Secondary Education Implementation Credit Allowance Grant;
- Provided textbooks directly to Alberta Correspondence School students;
- Improved the Annual Buyers Guide, Supplements and Product Bulletins including the introduction of a desktop publishing application to make the Buyers Guide more readable and useful;
- Undertook a distribution of Native Education learning resources to schools, post-secondary institution libraries, municipal libraries, hospital libraries, Native Education Centres, and others;
- Began implementing a customer feedback management system that deals with commendations, problems, complaints and suggestions;

- Introduced a "used books" line at the SAIT Bookstore;
- Introduced a new line of productivity software products at prices many times lower than software houses;
- Expanded the Alberta College of Art Bookstore service to include all instructional supplies used by instructors and students in the classroom;
- Adjusted late business hours to accommodate college student's registration periods and needs;
- Introduced an innovative three-year, in-freight contract which should keep down prices to schools in subsequent years;
- Completed an electronic customer order inquiry system;
- Improved purchasing by introducing a purchase profile and physical properties specification cost analysis;
- Commenced the development of performance statistics in order to measure excellence and efficiency.

Table 16
Learning Resources Distributing Centre
Comparative Sales and Subsidy Grants for the Years Ended
March 31, 1986, 1987, 1988, 1989

	1988-89	1987-88	1986-87	1985-86
Sales				
Basic Resources	$14,071,164	$10,963,427	$ 9,413,883	$ 8,622,747
Non-basic Resources	5,274,625	4,596,323	4,793,080	5,353,701
Sub total (ECS-12)	19,345,789	15,559,750	14,206,963	13,976,448
Bookstores	6,558,043	5,402,487	4,858,103	4,149,810
Total	**$25,903,832**	**$20,962,237**	**$19,065,066**	**$18,126,258**
Basic Learning Acquisition Subsidy Grants	$ 3,517,791	$ 2,723,269	$ 2,768,789	$ 2,536,102
Secondary Education Implementation Credit Allocation Grants	$ 2,610,203	N/A	N/A	N/A

Appendix I
OPERATION OF SCHOOLS, 1988-89
by School Divisions, Counties, Independent Districts,
Private Schools and ECS Private Operators
As At September 30, 1988

Divisions	No.	ECS	Grades 1-6	Grades 7-9	Grades 10-12	TOTAL (1-12)
Acadia	8		320	141	129	590
Berry Creek	1		76	34	13	123
Cardston	2	251	1,686	789	621	3,096
Crowsnest Pass	63	114	609	319	315	1,243
Cypress	4	20	469	193	50	712
Drumheller Valley	62	93	480	230	362	1,072
East Smoky	54	139	927	474	392	1,793
Fairview	50	104	830	384	278	1,492
Foothills	38	212	2,503	1,233	1,174	4,910
Fort Vermilion	52	269	1,633	641	389	2,663
High Prairie	48	286	1,712	812	826	3,350
Lac La Biche	51	175	1,139	498	382	2,019
Mount Rundle	64	101	453	188	165	806
Neutral Hills	16	26	288	130	125	543
Northland	61	222	1,642	570	210	2,422
Peace River	10	51	1,308	643	581	2,532
Pincher Creek	29	93	582	271	261	1,114
Provost	33		381	171	144	696
Rangeland	9	68	462	209	202	873
Rocky Mountain	15	24	1,329	711	770	2,810
Rocky View	41	451	4,464	1,961	1,685	8,110
Spirit River	47	70	602	287	264	1,153
Starland	30		250	113	112	475
Sturgeon	24	297	2,155	1,065	1,005	4,225
Taber	6	213	1,240	503	519	2,262
Three Hills	60		710	363	314	1,387
Twin Rivers	65	42	1065	514	590	2,169
Wainwright	32	164	784	389	406	1,579
Westlock	37	147	998	535	564	2,097
Willow Creek	28	179	1,334	615	661	2,610
Yellowhead	12	466	2,451	1,133	1,146	4,730
Counties						
Athabasca	12	158	877	438	420	1,735
Barrhead	11	224	1,097	506	642	2,245
Beaver	9	122	935	467	332	1,734
Camrose	22		986	447	324	1,757
Flagstaff	29	100	965	412	385	1,762
Forty Mile	8	19	502	228	184	914
Grande Prairie	1	53	1,838	918	614	3,370
Lac Ste Anne	28	87	1,220	641	599	2,460
Lacombe	14	221	1,869	877	880	3,626
Lamont	30	37	798	405	327	1,530
Leduc	25	361	2,110	788	524	3,422
Lethbridge	26	180	1,232	612	664	2,508
Minburn	27	101	720	306	396	1,422
Mountain View	17		2,092	1,002	1,009	4,103
Newell	4	25	760	361	235	1,356

	No.	ECS	Grades 1-6	Grades 7-9	Grades 10-12	TOTAL (1-12)
Paintearth	18		453	228	211	892
Parkland	31	675	4,382	2,126	2,016	8,524
Ponoka	3		1,344	625	789	2,758
Red Deer	23		2,709	1,289	1,044	5,042
Smoky Lake	13		373	197	189	759
St. Paul	19	117	866	459	367	1,692
Stettler	6		602	280	15	897
Strathcona	20	772	5,029	2,736	3,228	10,993
Thorhild	7	53	317	153	155	625
Two Hills	21	47	391	182	151	724
Vermilion River	24		1,195	576	533	2,304
Vulcan	2		624	265	209	1,098
Warner	5		975	429	360	1,764
Wetaskiwin	10		1,351	601	241	2,193
Wheatland	16		1,225	556	536	2,317
Districts						
Banff	102	55	233	107	120	460
Brooks	2092	199	1,093	527	507	2,127
Calgary	19	7,253	40,944	19,124	22,014	82,082
Camrose	1315	140	817	386	720	1,923
Canadian Forces Base	4986	77	331	116		447
Devon	4972	95	485	220	263	968
Edmonton	7	6,475	33,501	14,491	17,602	65,594
Exshaw	1699	22	117	37		154
Fort McMurray	2833	343	2,063	1,163	1,110	4,336
Grande Cache	5258	87	455	230	201	886
Grande Prairie	2357	432	2,126	947	1,129	4,202
Grovedale	4910	18	117			117
Jasper	3063	46	249	86	111	446
Lakeland	5460	277	1,744	721	992	3,457
Leduc	297	142	943	682	1,014	2,639
Legal	1738	31	220	93	62	375
Lethbridge	51	552	3,651	1,883	1,906	7,440
Medicine Hat	76	359	2,986	1,413	1,544	5,943
Medley	5029	120	559	196		755
Mynarski Park	5012	11	74			74
Ralston	4981		130	42		172
Red Deer	104	532	3,995	1,759	1,818	7,572
Redcliff	2283		444	186		630
St. Albert	3	336	1,948	861	709	3,518
St. Isidore	5054	12	142	65	1	208
St. Paul	2228		501	239	3	743
Stettler	1475	80	489	223	477	1,189
Stirling	647	25	140	65	55	260
Swan Hills	5109	60	276	113		389
Waterton Park	4233		17			17
Wetaskiwin	264	130	949	390	809	2,148
Whitecourt	2736		585	262	219	1,066

RCSSD	No.	ECS	Grades 1-6	Grades 7-9	Grades 10-12	TOTAL (1-12)
Assumption	50		31	14		45
Beaverlodge	68	5	50	18		68
Bow Island	82	22	82	31	38	151
Calgary	1	2,398	13,834	5,734	6,138	25,706
Camrose	60	39	317	124		441
Coaldale	73	43	186	86		272
Drayton Valley	111	89	283	106		389
Drumheller	25	22	161	96		257
Edmonton	7	2,537	13,261	5,937	6,582	25,780
Edson	153	38	230	102	27	359
Fairview	35	30	168	91	100	359
Fort McMurray	32	341	1,944	707	708	3,359
Fort Vermilion	26	6	57	17		74
Fort Saskatchewan	104	54	317	202	211	730
Grande Prairie	28	148	857	372	328	1,557
High Prairie	56	47	253	135		388
Hinton	155	47	245	76		321
Killam	49		27	8		35
Lakeland	150	183	854	384	247	1,485
Leduc	132	75	444	184	55	683
Lethbridge	9	169	1,407	618	518	2,543
McLennan	30	14	92	34		126
Medicine Hat	21	140	950	432	520	1,902
North Peace	43	97	555	247	171	973
Picture Butte	79	29	119	48		167
Pincher Creek	18	34	220	133	91	444
Ponoka	95	22	129	45		174
Provost	65		104	42	54	200
Red Deer	17	168	1054	492	531	2,077
Rocky Mtn. House	131	25	187	77	1	265
Sexsmith	51	8	84	17		101
Sherwood Park	105	209	1,449	739	514	2,702
Spirit River	36		54	18		72
Spruce Grove	128	67	352	143	194	689
Stony Plain	151	52	238	105		343
Taber	54	32	204	119	108	431
Theresetta	23		46	22		68
Valleyview	84	14	131	33		164
Vegreville	16	57	230	104	87	421
Vermilion	97	45	181	49	67	297
Wainwright	31	51	231	99	76	406
Westlock	110	36	195	91	77	363
Wetaskiwin	15	43	302	104		406
Whitecourt	94	61	311	113	83	507
Consolidated						
Barons	8		50	17		67
Falher	69	30	147	92	59	298
RCPSD						
Thibault	35	161	868	289	260	1,417
PSSD						
Glen Avon	5		287	150		437
St. Albert	6	406	2,400	1,355	1,567	5,322

Reg High Sch Dist	No.	ECS	Grades 1-6	Grades 7-9	Grades 10-12	TOTAL (1-12)
St. Paul Reg High Sch	1	141			365	365
Prov Others						
Alberta School for The Deaf			31	21	35	87
Private Schools (Cat 1)						
Acme Christian Academy			8	2	5	15
Airdrie Koinonia Christ		16	37	10		47
Akiva Academy		16	72			72
Alberta College					1,183	1,183
Aurora Rudolf Steiner		8	13			13
Banbury Crossroads		4	7	2		9
Beanstalk School		3	21			21
Bentley Christ Train Ctr			50	19	13	82
Blue Quills Native Ed Ctr					87	87
Calgary Academy			29	52	40	121
Calgary Christian Sch		29	172	72	56	300
Calgary French School		37	192			192
Calgary Jewish Academy		36	211	33		244
Calgary Montessori School			54			54
Calgary Waldorf Program Sch		22	68			68
Calvin Christian Sch		47	206	72	20	298
Camrose Lutheran College					100	100
Can Reformed Sch Neerlandia			61	21		82
Caritas High School				22	59	81
Centennial Montessori Sch		14	17	6	2	25
Chinook Christian Academy		7	41	12		53
Chinook Winds Adv Sch			83	32	12	127
Christopher Robin School			81			81
Coaldale Christian School		15	46	22		68
College Heights Ad Jr Acad		20	101	61		162
Concordia College					209	209
Coralwood Jr Academy			68	30	4	102
Cornerstone Christ Academy		9	28	5	1	34
Cornerstone Christ Sch		27	83	12	10	105
Covenant Christian Sch		21	81	6		87
Covenant Comm Train Cen		15	74	28	3	105
Cremona Koinonia Christ Sch			7	22	7	36
Drumheller Christian Sch		7	31	3		34
Duchess Christian Sch			19	11	11	41
East Edmonton Christ Sch		29	141	64		205
Edmonton Christ High Sch					178	178
Edmonton Gospel Academy			14	6	3	23
Elim Christ School			32	7	4	43
Evergreen Acres Christ Sch				2		2
Ft Saskatchewan Christ Sch		10	61	29		90
Glenmore Christ Academy		48	235	112		347
Grande Prairie Christ Sch		34	87	36		123
Graystone Academy			9	9		18
Heritage Christian Sch		68	297	97	58	452
Hillcrest Christ Sch			10	4	2	16
Hope Christian School			5	7	7	19
Immanuel Christian Sch		43	272	118	104	494
Islamic School Edmonton			17			17
Koinonia Christ Sch Red Deer		23	50	7		57

Private Schools (Cat 1)	ECS	Grades 1-6	Grades 7-9	Grades 10-12	TOTAL (1-12)
Lacombe Christ School	39	182	61		243
Leduc Christ Academy		46	25		71
Level Land Jr Academy		5	3		8
Life Values Soc For Eff Ed		8	33	6	47
Lycée Louis Pasteur	13	51	7		58
Markaz-ul-Islam Soc of Edm		17			17
Meadowlark Christ School	16	57	30		87
Medicine Hat Christ Sch	21	70	31		101
Medicine Hat 7th Day Ad Sch		14	2		16
Menno Simons Private Sch	15	64	27		91
Millwoods Christian Sch	22	126	58	38	222
Moberly Hall School		4	6		10
Montana Adventist School		61	1		62
Morinville Christ Fellowship		25	9	3	37
North Country School	2	9	1		10
North Edmonton Christ Sch	23	149	79		228
Old Sun Com College				59	59
Olds Koinonia Christ Sch	13	52	37	26	115
Parkland Immanuel Christ Sch	12	104	34	30	168
Parkview Adventist Academy				234	234
Peoples Christ Academy	7	42	24	15	81
Peoria Smoky SDA Academy		2	5	1	8
Pine Valley 7th Day Advent		4	3		7
Ponoka Christian Sch	14	37	14		51
Prairie Bible Institute	32	176	114	288	578
Red Deer Adventist Academy		32	10		42
Red Deer Christ School	28	93	29		122
Rimbey Christ School	17	42	4		46
Rocky Christ School	24	130	46		176
Rundle College			28	29	57
Ryley 7th Day Adventist Sch		4	2		6
Saddle Lake Full Gospel Sch		63	11		74
Sedgewick 7th Day Ad Sch		7			7
South Calgary Christ Sch	15	35			35
St John's Sch of Alberta			69	43	112
St Luke's High School				37	37
St. Matthew Lutheran Sch	18	98	53		151
Strathcona Christ Academy	46	304	178	101	583
Strathcona Tweedsmuir Sch		186	185	171	542
Sylvan Meadow Adventist Sch		20	9	4	33
Taber Christ School	24	71	37		108
Tempo School		135	51	16	202
Victory Christ School	21	73	30		103
West Edmonton Christ Sch	38	206	90		296
West Island College			94	61	155
Westlock Christ School		8	3	1	12
Whitecourt Christ Ed Centre		22	8	9	39
Woodlands Adventist Sch		13	20	3	36
Yellowhead Christ School		29	15	10	54

Private Schools (Cat 2)	ECS	Grades 1-6	Grades 7-9	Grades 10-12	TOTAL (1-12)
Edmonton Academy		15	14	29	58
Elofson Academy		16	6		22
Elves Memorial Child Dev Soc	63	23	14	13	50
Evelyn Unger Sch Spec Ed		44	23	3	70
Foothills Academy		37	48	25	110
Horizon Sch Sp Ed	6	15	16	28	59
Parkland Sch Special Ed		16	7	9	32
Robin Hood Sch Special Ed	28	13	2	10	25
St Mary's Salesian Sch Sp Ed			68		68
Private Schools (Cat 4)					
Abundant Life Christ Acad		4	4	4	12
Apostolic Ch Training Sch	13	43	13	2	58
Baytree Mennonite Sch		11	6	1	18
Bethel Christ Academy		11	4	3	18
Countryside Christ Sch		24	7		31
Duchess Bethel Men Sch		14	5	1	20
Edm Bible Herit Christ Sch		23	10	3	36
Evangel Christ Acad Sch		8	9	2	19
Fox Creek Christ School		18	7	7	32
Heart Valley Christ Sch		26	4		30
Kneehill Christ School		65	23		88
Lakeland Country School		8	2		10
Lakeview Christ School		17	9		26
Living Faith Christ Sch		7	4	6	17
Maranatha Christ School		9	3	1	13
Mayerthorpe Acad of Chr Learn		13	5	4	22
Montessori Elem School		8			8
Mountain View Christ Sch		16	9	2	27
Neuanlage School		61	16		77
Northern Lights School		25	8		33
Rockyview Christ School		16	7		23
Rosedale Christ School		51	14		65
Rosenfeld School		40	11		51
Salem Christ Academy		3	12	10	25
Stirling Mennonite Ch D Sch		14	5	4	23
The Gathering Place Sch		22	6	3	31
Tilley Mennonite School		16	8	2	26
Vermilion Peace School		29	9		38

ECS Private Operators	ECS
Acadia Valley ECS	6
Acme Kindergarten	23
Acorn Circle Kind Assoc	46
Alder Flats Buck Lake ECS	22
Alix Soc for Pre-Schoolers	17
Alliance & Dist ECS Soc	6
Altario ECS	6
Anders & Ar Assoc for Yg Child	24
Andrew Kind Assoc	16
Arrowwood & Dist ECS Soc	5
Aslan Kindergarten	21
Assoc for Hearing Handi	8
Babar's Child Cen Soc	8
Barons Kindergarten Assoc	9
Bashaw Early Learning Cen	17
Bassano Kindergarten Assoc	26
Bawlf ECS Society	23
Bearspaw Kindergarten	11
Beiseker ECS Society	3
Benalto & Dist ECS Society	13
Berwyn Kindergarten Soc	20
Beverly Day Care Society	20
Big Valley ECS Society	15
Blackie ECS	21
Blue Ridge Tiny Tots Sch	5
Bluffton & Dist ECS Centre	26
Bodo Comm Association Presch	4
Bonanza & Dist Kind Soc	9
Bow Isle & Dist ECS Assoc	35
Bowden ECS	29
Bower Place K Play-Sch Soc	16
Braeside Com Kind	77
Bragg Creek Ed Serv Assoc	20
Breakaway ECS (Buff) Assoc	12
Brownfield ECS	5
Bruderheim K Association	30
Cactus Country ECS Assoc	6
Calgary Quest Children's Soc	27
Calgary Soc Stu with Learn Dif	19
Camrose Children's Center	22
Captain Crunch College	20
Carbon ECS Society	17
Caroline ECS Centre Comm	35
Carseland Kind Assoc	13
Carstairs ECS	47
Castor Early Childhood Soc	40
Cereal ECS Association	10
Cessford ECS Society	16
Cherhill ECS Association	4
Chestermere Conrich ECS Kind	68
Child's House Child Care Soc	8
Christian K Soc of Sp Grove	12
Churchill Park Day Care Soc	25
City of Red Deer	32

ECS Private Operators	ECS
Clandonald ECS Association	6
Clear Vista ECS	56
Clinton Ford S D Activists	12
Clive & Dist ECS Society	23
Coronation ECS	32
Coutts Kiddies Korner	10
Cremona ECS	37
Crossfield ECS Centre	53
Dalhousie Comm Association	58
Darwell EC Educ Services	20
David Thompson ECS	41
Deadwood ECS Society	6
Delburne ECS Society	41
Delia ECS Society	12
Dept of Elem Ed U of A	27
Dewberry EC Parents Soc	9
Didsbury Playgroup Society	12
Dixonville Soc for ECS	10
Donalda ECS	15
Drayton Valley Com Kind	104
Duchess EC Dev Org	28
Eastview ECS (Kind) & Playsch	19
Eckville ECS	36
ECS Com of Three Hills Kind	30
ECS of Innisfail	119
Edmonton NW Day Care Soc	3
Elnora Lakeview Kind	13
Emmaus Lutheran Church	41
Empress ECS Society	8
Endmoor ECS Society	15
Enoch Indian Band	38
Fairview Kindergarten Soc	106
First Mennonite Church	8
Flatbush Kindergarten	8
Foremost ECS	21
Fulton Child Care Assoc	4
Glamorgan ECS Centre	51
Gleichen Early Child Assoc	13
Hardisty ECS Society	16
Hay Lakes ECS	20
Heisler ECS Association	14
Henderson Lake Kind ECS	13
Highwood Com Assoc (Calgary)	16
Highwood ECS	120
Hillhurst Sunnyside Comm Assoc	14
Home Opp for Multi Hand Ed	20
Hounsfield Hghts Briar Hill	21
Huntington Hills Comm Assoc	71
Hussar Kindergarten Assoc	7
Irricana ECS Society	20
Irvine & Dist ECS Society	26
Jasper Place Day Care Cen	10
Kathryn ECS Society	9
Keyano College	12

ECS Private Operators	ECS
Kingman Roundhill Ch Dev Cen	15
Kitscoty & Dist EC Ed K Soc	60
Learning Tree ECS Assoc	17
Lethbridge Presch S Project	117
Linden ECS Centre	14
Loc Adv Com for Bluebird Kind	20
Lomond Little Learners	5
Londonderry Child Dev Soc	11
Longview Early Ch Soc	24
Lotsa Tots EC Society	20
Lougheed CS Society	14
Manning Kindergarten Assoc	59
Manyberries ECS	8
Marlboro ECS Society	8
Marwayne ECS Society	26
Masinasin Kind Society	9
Mecca Glen ECS Society	18
Meeting Creek Kindergarten	15
Midway ECS	6
Milk River Public K Society	23
Millarville ECS Assoc	19
Millet & Dist ECS	41
Millwoods Krea Kids Kind Soc	30
Milo Alpha Kind Soc	5
Morrin ECS	12
Mount Royal College Day Care	20
Mundare Kindergarten Assoc	14
Nampa & District Kind Soc	10
New Brigden ECS Assoc	5
Nordic Comm ECS Soc	17
Norwood Comm Service Centre	25
Olds ECS Society	59
Oliver Day Care Society	19
Oyen ECS	28
Paddle Valley Early Ed Prog	70
Peace River Kind Society	102
Penhold ECS Society	29
Peppermint Place Kinder	26
Pigeon Lake Reg EC Adv Com	40
Pipestone ECS Society	18
Ponoka Central ECS Society	86
Ponoka R Side K Loc Adv Com	19
Poplar Ridge ECS	26
Primrose Place Day Care	15
Providence Child Dev Soc	66
Provost Pre-school	56
Red Deer College	34
Redcliff ECS Association	72
Reed Ranch ECS	11
Renfrew ECS	118
Rimbey ECS Center	48
River Glen ECS Soc	44
Rivercourse Kiddies Korner	4
Rocky Mountain ECS	141

ECS Private Operators	ECS
Rockyford ECS Association	13
Rosalind EC Society	14
Rosebrier ECS	18
Rosedale Comm Kindergarten	19
Rosemary ECS Society	12
Ross Creek Chipman K Assoc	12
Ross Ford ECS Society	66
Rycroft Kindergarten Assoc	17
Sangudo Com EE Program	18
Schuler ECS	4
Sedgewick Kindergarten	24
Sherwood Park Kindergarten	48
Sifton ECS Society	28
Smoky Lake District ECS	72
Soc for Treatment of Autism	3
Society for Hearing Imp Child	3
Society for Talent Education	19
South Shore Child Assoc ECS	3
Southview Kid Kamp Day Care	30
Springbank French ECS Assoc	24
Springbank Kind Assoc	31
Spruce View ECS	22
St. Albert Day Care Society	13
St. Luke's Kindergarten	30
St. Matthews ECS Kind	11
St. Peter's Lutheran Kind	44
Standard Kindergarten Assoc	21
Strathmore K Association	98
Sundre ECS	76
Sunshiners Pre-school Assoc	27
Sylvan Heights Dist ECS Cen	13
Sylvan Lake Kinder Care	74
Thornhill Day Care Society	23
Torrington ECS Kind	11
Trochu Kindergarten	33
Turner Valley ECS	48
U of A & Comm Day Care Cen	22
University of Lethbridge	14
Vermilion & Dist ECS Assoc	68
Veteran ECS Centre	8
Vulcan Kindergarten Assoc	30
W-C-D-C & Ma-Rockyview	27
Wabamun Storyland Kind	13
Wanham Tiny Tots	12
Warner ECS	26
Waverly ECS Society	60
West Central Pre-school Soc	229
West End Day Care Society	2
West Park Kind Kapers	36
Westbrook (ECS) Association	14
Whitecourt Dist ECS Mini Sch	11
Winfield Child Dev Assoc	15
Wrentham ECS Kind Soc	7
Youngstown Kinder Assoc	8

OPERATION OF SCHOOLS (CON'T)

Total	ECS	Grades 1-6	Grades 7-9	Grades 10-12	TOTAL (1-12)
Divisions	4,277	34,882	16,119	14,655	65,656
Counties	3,352	39,837	19,110	17,579	76,526
Districts	17,909	102,324	46,627	53,386	202,337
R.C.S.S.D./P.S./C.P.	8,064	45,981	20,142	19,353	85,476
Consolidated	30	197	109	59	365
Regional	141	0	0	365	365
Provincial Gov't Other	0	31	21	35	87
Private Schools	1,178	6,848	3,047	3,535	13,430
Private ECS Operators	6,177				
Grand Total (excl. Lloydminster)	41,128	230,100	105,175	108,967	444,242
Lloydminster Pub S Div (Alta pupils)	138	761	370	421	1,552
Lloydminster RC Sch Div (Alta pupils)	49	291	93	57	441
Grand Total (incl. Lloydminster)	41,315	231,152	105,638	109,445	446,235

PER STUDENT EXPENDITURES FOR EDUCATION

Table 1.a:
Divisions, Districted and Counties

	January - December 1976	September 1986 - August 1987 (a)	September 1987 - August 1988 (a)
All Jurisdictions	$1,630.54	$4,666.56	$4,689.16
Divisions and Counties	1,641.00	4,877.52	5,045.32
Public Districts			
City Public	1,670.93	4,581.88	4,493.87
Town, Village and Rural Public	1,548.79	4,463.41	4,670.57
Separate Districts			
City Separate	1,596.24	4,528.73	4,506.26
Town, Village and Rural Separate	1,446.43	4,489.34	4,589.85
Total Separate	1,574.94	4,519.51	4,519.17
Consolidated Districts	1,630.84	5,532.55	5,418.90
Regional District (b)	1,918.67	5,637.28	5,320.24

a) Enrolments do not include D.N.D. Schools; however, enrolments include Early Childhood Services at .5. The September 1987 to August 1988 per student expenditures were obtained by adding the September 1987 to August 1988 12-month expenditures for divisions and districts reporting on the school fiscal year and the January to December 1988 12-month expenditures for counties reporting on the calendar year and dividing that total by the September 30, 1987 enrolment. The September 1986 to August 1987 per pupil expenditures were obtained by adding the September 1986 to August 1987 12-month expenditures for divisions and districts reporting on the school fiscal year, 1.5 times the January to August 1987 8-month expenditures for divisions and districts changing to the school fiscal year, and the January to December 1987 12-month expenditures for counties reporting on the calendar year and dividing that total by the September 30, 1986 enrolment.

b) Includes only the St. Paul Regional High School District No. 1.

Table 1.b:
FUNDED PRIVATE SCHOOLS*

July 1986 - August 1987	September 1987 - August 1988
$5,659.06	$5,186.08

*Enrolments include Grades 1 to 12 plus E.C.S. at .5; expenditures may include the entire operation of the private school, including college expenditures if applicable. The per student expenditures were obtained by dividing the 12-month 1987-88 or the 14-month 1986-87 expenditures by the respective September 30, 1987 or September 30, 1986 enrolment.

Table 1.c:
EARLY CHILDHOOD SERVICES (E.C.S.)
PRIVATE OPERATORS*

July 1975 - June 1977	July 1986 - August 1987	September 1987 - August 1988
$557.60	$2,054.63	$2,056.26

*E.C.S. Private Operators data does not include the E.C.S. portion of Private Schools. The 1987-88 and 1986-87 per child expenditures were obtained by dividing the 12-month 1987-88 or 14-month 1986-87 expenditures by the respective September 30, 1987 or September 30, 1986 enrolment.

Appendix II
Enrolments, 1988-89, By School, Courses and Gender
Table II.a:
Enrolment in Academic Courses (High School Grades)

Course	No. of Schools	Male	Female	Total
Aboriginal Lang 15 (NWT)	1	5	4	9
Aboriginal Lang 25 (NWT)	1	3	3	6
Aboriginal Lang 35 (NWT)	1	1		1
Accounting 10	287	5,698	6,730	12,428
Accounting 20	240	2,738	3,477	6,215
Accounting 30	176	884	1,358	2,242
Aeroscience 25	1	17	2	19
Aeroscience 35	1	7		7
Agriculture 10	14	47	17	64
Agriculture 20	1	1		1
Applied Sociology 30	39	852	1,138	1,990
Arabic 15	1		3	3
Arabic 25	1	1	3	4
Art 10	219	3,669	3,599	7,268
Art 11	13	174	184	358
Art 20	180	1,598	1,524	3,122
Art 21	11	69	88	157
Art 30	152	764	943	1,707
Art 31	11	41	57	98
Aspects of Living 15	1	2	1	3
Ballet 15	4	3	38	41
Ballet 25	2		15	15
Ballet 35	2	1	8	9
Basic Business 20	81	1,149	868	2,017
Basic Business 30	31	238	208	446
Biology 10	340	12,547	14,026	26,573
Biology 15 I.B.	4	76	96	172
Biology 20	324	9,834	11,490	21,324
Biology 25 I.B.	4	46	54	100
Biology 30	330	8,353	11,598	19,951
Biology 35	1	10	13	23
Blackfoot 15	3	32	16	48
Blackfoot 25	1	3	2	5
Business Calculations 20	21	211	354	565
Business Communication 20	10	66	240	306
Business Education 10	84	945	1,101	2,046
Business Education 20	48	169	293	462
Business Education 30	28	55	256	311
Canadian History 20	10	193	138	331
Career & Life Mgmt 20	219	4,611	5,530	10,141
Chemistry 10	334	12,724	12,982	25,706
Chemistry 20	312	9,633	10,049	19,682
Chemistry 25 I.B.	8	137	96	233
Chemistry 30	318	8,287	8,463	16,750
Chemistry 35 I.B.	2	41	13	54

Course	No. of Schools	Male	Female	Total
Chinese 15	1	3	11	14
Chinese 35	1		1	1
Clothing & Textiles 20	89	24	725	749
Clothing & Textiles 30	66	4	344	348
Communications 21A	52	583	822	1,405
Communications 21B	39	328	564	892
Comparative Gov't 20	2	46	31	77
Computer Literacy 10	56	564	582	1,146
Computer Processing 10	268	6,327	5,638	11,965
Computer Processing 20	229	3,107	2,168	5,275
Computer Processing 30	141	1,155	549	1,704
Cont Western Phil 20	1	2	1	3
Cree 15	8	45	34	79
Cree 25	3	3		3
Cree 35	1	1		1
Cult & Phy Anthro 30	18	198	214	412
Dance 15	2	4	51	55
Dance 25	1	2	15	17
Dance 35	1	1	11	12
Deaf Studies 35	1	2	5	7
Dictatyping 20	9	2	137	139
Drama 10	162	2,025	2,953	4,978
Drama 20	136	820	1,331	2,151
Drama 30	97	367	644	1,011
Driver & Safety Ed 10	108	1,642	1,456	3,098
Economics for Consumer 20	36	549	356	905
Electronic Music 15	4	67	35	102
English SL 10B	28	230	217	447
English SL 10C	22	240	261	501
English 10	338	11,004	12,450	23,454
English 13	313	6,207	4,262	10,469
English 16	15	125	77	202
English 20	326	9,899	11,489	21,388
English 23	310	6,012	4,021	10,033
English 30	339	11,396	13,204	24,600
English 33	296	5,612	4,640	10,252
English 35 I.B.	2	33	27	60
Experimental Psych 30	21	294	574	868
Food Studies 10	206	2,813	3,768	6,581
Food Studies 20	160	974	1,468	2,442
Food Studies 30	120	349	786	1,135
Français 10	1	27	31	58
Français 20	1	18	26	44
Français 30	1	14	24	38
French Language Arts 10	1	11	15	26
French Language Arts 20	1	11	20	31

Course	No. of Schools	Male	Female	Total
French Language Arts 30	1	9	19	28
French 10	228	3,180	4,648	7,828
French 10N (9 year)	59	747	1,192	1,939
French 10S (6 year)	101	1,702	2,819	4,521
French 20	202	1,849	3,255	5,104
French 20N (9 year)	54	444	795	1,239
French 20S (6 year)	83	1,014	1,753	2,767
French 30	198	1,541	3,090	4,631
French 30N (9 year)	43	153	356	509
French 30S (6 year)	71	333	787	1,120
General Business 15	4	16	26	42
General Psychology 20	164	2,355	3,729	6,084
General Sociology 20	132	1,820	2,235	4,055
German Literature 15	1	6	6	12
German 10	55	553	715	1,268
German 20	49	296	449	745
German 30	45	161	274	435
German 31	2	4	3	7
Greek 15	1	3	12	15
Health & P D 10	26	383	631	1,014
Hebrew 15	1	4		4
Hebrew 25	1	1	3	4
Hebrew 35	1	3	1	4
Histoire et Civil 15	1	1	4	5
Hungarian 25	1	1	1	2
International Politics 30	16	247	222	469
Intro to Modern Lang 15	1	8	9	17
Inuktitut Stud 15 (NWT)	7	36	18	54
Inuktitut Stud 25 (NWT)	2	13	11	24
Inuktitut Stud 35 (NWT)	1	8	5	13
Italian 10	6	61	69	130
Italian 20	6	35	48	83
Italian 30	6	31	59	90
Japanese 15	6	33	54	87
Japanese 25	3	11	20	31
Japanese 35	1	1	3	4
Langue et Littérature 10	28	307	448	755
Langue et Littérature 20	21	186	336	522
Langue et Littérature 30	16	92	195	287
Latin 10	7	49	66	115
Latin 20	4	28	26	54
Latin 30	4	10	10	20
Law 20	190	2,788	2,624	5,412
Law 30	142	1,416	1,442	2,858
Literature 21A	28	205	370	575
Literature 21B	17	167	207	374
Local & Can Geography 20	61	955	532	1,487
Macro-Economics 30	26	228	190	418
Marketing 20	45	425	429	854
Marketing 30	21	144	117	261

Course	No. of Schools	Male	Female	Total
Mathematics 10	347	10,256	10,573	20,829
Mathematics 13	297	5,985	5,453	11,438
Mathematics 14 (WAS 15)	267	3,003	2,911	5,914
Mathematics 16	14	111	54	165
Mathematics 20	322	8,534	8,786	17,320
Mathematics 23	290	5,583	5,168	10,751
Mathematics 24 (WAS 25)	172	1,021	951	1,972
Mathematics 30	331	10,477	10,187	20,664
Mathematics 31	223	3,218	1,911	5,129
Mathematics 33	253	4,636	4,667	9,303
Micro-Economics 30	22	189	174	363
Music 10	74	234	777	1,011
Music 11	153	1,224	1,475	2,699
Music 12	18	141	102	243
Music 15	21	187	238	425
Music 20	60	115	392	507
Music 21	146	716	978	1,694
Music 25	22	159	187	346
Music 30	47	46	176	222
Music 31	123	422	499	921
Music 35	19	92	104	196
Occupations 10	31	417	398	815
Office Procedures 20	65	115	745	860
Office Procedures 30	52	18	537	555
Outdoor Leadership 15	2	18	6	24
Outdoor Leadership 25	1	11		11
Outdoor Leadership 35	1	9		9
Outdoor Living 15	6	150	56	206
Personal Living Skills 10	51	402	795	1,197
Personal Living Skills 20	24	87	165	252
Personal Living Skills 30	41	407	791	1,198
Personal Psychology 20	138	2,382	3,777	6,159
Perspective for Living 15	3	52	46	98
Philosophy of Man 30	9	72	97	169
Physical Ed 10	348	15,624	14,836	30,460
Physical Ed 20	320	8,022	4,382	12,404
Physical Ed 30	282	4,310	2,149	6,459
Physics 10	297	8,447	6,084	14,531
Physics 20	278	6,717	4,402	11,119
Physics 25 I.B.	3	48	16	64
Physics 30	263	5,564	2,742	8,306
Physics 35 I.B.	1	13	11	24
Polish 15	1		3	3
Polish 25	1	4	4	8
Polish 35	1		3	3
Political Thinking 20	3	14	8	22
Practical Arts 15A	9	515	115	630
Practical Arts 15B	5	121	8	129
Reading 10	155	1,411	1,210	2,621
Recordkeeping 10	54	465	591	1,056
Religious Ethics 20	7	125	131	256
Religious Meanings 20	5	73	86	159

Course	No. of Schools	Male	Female	Total
Religious Studies 15	60	2,806	2,849	5,655
Religious Studies 25	49	2,434	2,364	4,798
Religious Studies 35	42	1,599	1,660	3,259
Science 11	241	4,008	3,351	7,359
Science 14	29	300	262	562
Science 15	10	74	73	147
Science 16	14	113	65	178
Science 24	16	97	80	177
Science 25	22	640	524	1,164
Science 35	1	13	19	32
Shorthand 20	29	43	360	403
Shorthand 30	11	3	68	71
Social Institutions 20	32	484	540	1,024
Social Studies 10	346	12,766	13,507	26,273
Social Studies 13	264	4,230	3,112	7,342
Social Studies 16	14	121	77	198
Social Studies 20	330	12,135	12,265	24,400
Social Studies 23	10	107	91	198
Social Studies 30	324	10,081	10,981	21,062
Spanish 10	7	49	108	157
Spanish 14	1	13	21	34
Spanish 20	7	16	65	81
Spanish 24	1	3	6	9
Spanish 30	8	9	34	43
Spanish 34	1	2	6	8
Swedish 15	1	1	4	5
Swedish 25	1	3	2	5
Swedish 35	1	1		1
Theatre Arts 15	1	2		2
Theatre Arts 25	1	2		2
Theory of Knowledge 35 IB	8	65	66	131
Typewriting 10	321	7,620	12,005	19,625
Typewriting 20	273	936	4,196	5,132
Typewriting 30	232	219	2,145	2,364
Ukrainian Lang Arts 10	3	5	21	26
Ukrainian Lang Arts 20	3	16	15	31
Ukrainian Lang Arts 30	2	6	11	17
Ukrainian 10	7	33	53	86
Ukrainian 10S (6 year)	1	7	3	10
Ukrainian 20	7	25	24	49
Ukrainian 20S (6 year)	1	2	5	7
Ukrainian 30	6	26	34	60
Ukrainian 30S (6 year)	1	2	2	4
Western Canadian Hist 20	35	345	254	599
Word Processing 30	35	36	340	376
World Geography 30	53	598	376	974
World History 30	29	394	346	740
World Religions 30	20	129	119	248

Appendix II
Table II.b:
Enrolment in Vocational Courses (High School Grades)

Course	No. of Schools	Male	Female	Total
Agricultural Mechanics 16	3	10	3	13
Agricultural Prod 16	2	3		3
Aircraft Maintenance 25A	3	18		18
Aircraft Maintenance 25B	3	10		10
Aircraft Maintenance 25C	3	9		9
Aircraft Maintenance 35A	1	12		12
Aircraft Maintenance 35B	1	12		12
Aircraft Maintenance 35C	1	8		8
Auto Body 12	15	297	11	308
Auto Body 22A	19	200	9	209
Auto Body 22B	17	178	5	183
Auto Body 22C	14	91	4	95
Auto Body 32A	16	129	1	130
Auto Body 32B	15	118		118
Auto Body 32C	14	84		84
Auto Mechanics 25 (NWT)	1	12		12
Auto Mechanics 35 (NWT)	1	10		10
Auto Parts Merchg 15	1	8		8
Auto Parts Merchg 25	1	2		2
Automotive Services 16 (Code 1747)	13	64	4	68
Automotive Services 16 (Code 1827)	1	29	3	32
Automotive Services 26	1	9		9
Automotives 15	14	160	12	172
Automotives 22A	67	1,175	38	1,213
Automotives 22B	56	964	31	995
Automotives 22C	42	506	15	521
Automotives 25	6	39	2	41
Automotives 32A	50	651	16	667
Automotives 32B	48	584	15	599
Automotives 32C	36	371	13	384
Automotives 35	1	9		9
Beauty Culture 12	57	37	1,587	1,624
Beauty Culture 16	1		13	13
Beauty Culture 22A	54	16	776	792
Beauty Culture 22B	51	7	560	567
Beauty Culture 22C	47	4	464	468
Beauty Culture 26	1		10	10
Beauty Culture 32A	47	6	393	399
Beauty Culture 32B	42	5	359	364
Beauty Culture 32C	43	4	352	356
Beauty Culture 32D	32	3	247	250

Course	No. of Schools	Male	Female	Total
Building Construction 12	64	1,383	62	1,445
Building Construction 15	9	103	14	117
Building Construction 22A	45	457	6	463
Building Construction 22B	32	280	1	281
Building Construction 22C	31	271	6	277
Building Construction 25	8	45		45
Building Construction 32A	29	211	4	215
Building Construction 32B	27	192	2	194
Building Construction 32C	22	107	2	109
Building Construction 35	3	15		15
Building Maintenance 15	3	33	7	40
Building Maintenance 25	1	2		2
Building Services 16	5	30	4	34
Business Services 16	8	21	24	45
Carpentry 15	8	61	1	62
Carpentry 25	1	6		6
Carpentry 25 (NWT)	1	1		1
Carpentry 35	1	2		2
Carpentry 35 (NWT)	1	3		3
Child and Health Care 16	7	11	14	25
Clothing & Textiles 10	128	107	1,841	1,948
Commercial Art 15	8	104	90	194
Commercial Art 25A	12	92	69	161
Commercial Art 25B	12	57	55	112
Commercial Art 25C	9	36	21	57
Commercial Art 35A	9	46	47	93
Commercial Art 35B	8	35	33	68
Commercial Art 35C	5	16	15	31
Commercial Food Prep 16	7	21	20	41
Construction Services 16	4	25	1	26
Crafts and Arts 16	4	12	19	31
Drafting 10	47	684	225	909
Drafting 12	42	1,310	343	1,653
Drafting 20	24	185	42	227
Drafting 22A	27	233	23	256
Drafting 22B	31	432	89	521
Drafting 22C	10	31	1	32
Drafting 25	1	3		3
Drafting 32A	23	99	12	111
Drafting 32B	30	228	33	261
Drafting 32C	7	41	7	48
Drafting 34	4	28	4	32
Drafting 35	1	2		2
Elect-Electronics 12	28	637	31	668
Electricity 22A	6	62	2	64
Electricity 22B	4	33	1	34
Electricity 22C	1	5		5
Electricity 32A	6	37		37
Electricity 32B	5	39		39
Electricity 32C	3	29		29
Electronics 22A	13	140	5	145
Electronics 22B	9	55	3	58
Electronics 22C	10	75	4	79
Electronics 32A	6	25		25
Electronics 32B	4	19		19
Electronics 32C	11	47	2	49
Esthetology 16	3		23	23
Fabricare Technology 15	1	5	5	10
Fabricare Technology 25	1	4	2	6
Fabricare Technology 35	1	5	1	6
Fashion & Design 15	5	3	89	92
Fashion & Design 25A	2	1	12	13
Fashion & Design 25B	1		12	12
Fashion & Design 35A	1		6	6
Fashion & Design 35B	1		6	6
Fashion & Fabric Care 16	2		5	5
Food Preparation 12	31	462	298	760
Food Preparation 16	1	20	8	28
Food Preparation 22A	25	168	119	287
Food Preparation 22B	22	131	84	215
Food Preparation 22C	21	117	70	187
Food Preparation 26	1	13	1	14
Food Preparation 32A	19	96	57	153
Food Preparation 32B	17	80	44	124
Food Preparation 32C	16	79	34	113
Food Preparation 32D	5	29	15	44
Food Services 16	8	41	17	58
Gas Station Services 16	1	3		3
Gen Mechanics 35 (NWT)	1	3		3
General Business 16	1	9	8	17
Graphics Arts 16	1	13	9	22
Graphic Arts 22A	7	58	19	77
Graphic Arts 22B	7	52	11	63
Graphic Arts 22C	3	16	5	21
Graphic Arts 32A	5	23	13	36
Graphic Arts 32B	5	24	13	37
Graphic Arts 32C	3	12	7	19
Hair Care 16	6		38	38
Health Services 12	14	93	330	423
Health Services 16	1	3	15	18
Health Services 22	12	26	148	174
Health Services 26	1	1	6	7
Health Services 32A	10	17	106	123
Health Services 32B	7	9	53	62
Heavy Duty Equip Oper 15	1	13		13
Heavy Duty Equip Oper 25	1	6		6
High Technology 15	1	13	3	16
Horticulture 12	10	100	64	164
Horticulture 16 (Code 1915)	1	2	11	13
Horticulture 16 (Code 1919)	1	8	2	10
Horticulture 22A	8	40	31	71
Horticulture 22B	5	22	19	41
Horticulture 22C	4	20	13	33
Horticulture 26	1	2	6	8

Course	No. of Schools	Male	Female	Total
Horticulture 32A	4	8	10	18
Horticulture 32B	3	4	5	9
Horticulture 32C	1	1	1	2
Industrial Education 10A	195	3,981	833	4,814
Industrial Education 10B	83	1,004	249	1,253
Industrial Education 20A	161	1,839	210	2,049
Industrial Education 20B	61	418	55	473
Industrial Education 30A	131	851	70	921
Industrial Education 30B	42	175	25	200
Industrial Physics 12	5	75	6	81
Industrial Physics 22	3	22		22
Industrial Physics 32	2	10	1	11
Industrial Tech 15A (NWT)	3	34	20	54
Industrial Tech 15B (NWT)	2	20	4	24
Industrial Tech 25A (NWT)	1	16	4	20
Industrial Tech 35A (NWT)	1	5	3	8
Machine Shop 12	12	198	3	201
Machine Shop 22A	14	124	2	126
Machine Shop 22B	13	98	1	99
Machine Shop 22C	10	36		36
Machine Shop 32A	13	71		71
Machine Shop 32B	13	63		63
Machine Shop 32C	11	31		31
Main & Hospitality Ser 16	4	10	5	15
Mechanics 12	101	3,052	267	3,319
Natural Resources 16	2	9	2	11
Office Services 16	7	6	20	26
Performing Arts 15	12	112	211	323
Performing Arts 25A	5	13	59	72
Performing Arts 25B	2	8	11	19
Performing Arts 25C	1	7	8	15
Performing Arts 35A	5	13	22	35
Performing Arts 35B	1	2	5	7
Performing Arts 35C	1	4	5	9
Photography 15	5	33	42	75
Photography 25	1	3	3	6
Piping 12	3	72	1	73
Piping 22A	3	34		34
Piping 22B	3	33		33
Piping 22C	2	13		13
Piping 32A	4	20	1	21
Piping 32B	4	19	1	20
Piping 32C	3	13		13
Practical Arts 16	1	10	9	19
Production Science 30	6	23	11	34
Related Mechanics 22A	6	50		50
Related Mechanics 22B	3	26		26
Related Mechanics 22C	1	12		12
Related Mechanics 32A	2	19		19
Related Mechanics 32B	3	22		22
Related Mechanics 32C	2	15		15

Course	No. of Schools	Male	Female	Total
Service St Operations 15	2	34	1	35
Service St Operations 25	1	2		2
Sewing & Design 15	1	1	1	2
Sewing & Design 25	1	1		1
Sewing & Design 35	1		1	1
Sewing 16	2	4	12	16
Sheet Metal 12	2	59	1	60
Sheet Metal 22A	2	13		13
Sheet Metal 22B	2	11		11
Sheet Metal 22C	2	3		3
Sheet Metal 32A	2	8	1	9
Sheet Metal 32B	2	7	1	8
Sheet Metal 32C	2	4	1	5
Special Projects 10	241	1,664	2,115	3,779
Special Projects 20	217	1,067	1,303	2,370
Special Projects 30	193	722	906	1,628
Subtrades 15	2	22	3	25
Subtrades 16	1	27	3	30
Subtrades 25	2	8	1	9
Subtrades 26	1	5		5
Technical Arts 16	8	32	15	47
Television Arts 15	2	37	9	46
Television Crafts 25A	3	26	13	39
Television Crafts 25B	2	15	6	21
Television Crafts 25C	1	8	1	9
Television Crafts 35A	3	18	1	19
Television Crafts 35B	2	15		15
Television Crafts 35C	1	10		10
Visual Communication 12	34	790	499	1,289
Visual Communication 22A	12	99	40	139
Visual Communication 22B	7	30	14	44
Visual Communication 22C	5	18	14	32
Visual Communication 32A	8	47	23	70
Visual Communication 32B	5	17	8	25
Visual Communication 32C	2	5	3	8
Warehouse Services 16	5	24	5	29
Welding 12	30	608	20	628
Welding 15	10	107	3	110
Welding 22A	30	285	5	290
Welding 22B	26	244	4	248
Welding 22C	16	104		104
Welding 25	6	25	1	26
Welding 32A	23	144		144
Welding 32B	21	118		118
Welding 32C	16	66		66
Work Experience 15	207	1,202	1,344	2,546
Work Experience 25	233	1,658	2,266	3,924
Work Experience 35	233	1,376	2,038	3,414

Appendix II
Table II.c:
Enrolment in General Education Development Courses
(High School Grades)

Course	No. of Schools	Male	Female	Total
Interpreting Lit & Arts	42	1,796	1,558	3,354
Mathematics	42	1,800	1,636	3,436
Science	42	1,730	1,517	3,247
Social Studies	42	1,786	1,573	3,359
Writing Skills	42	1,962	1,586	3,548

Appendix III
Funded Resident Student Count*
As At September 30, 1988

Divisions	No.	Grades 1-6	Grades 7-9	Grades 10-12	TOTAL (1-12)
Acadia	8	332	146	121	599
Berry Creek	1	94	46	27	167
Cardston	2	1336	650	514	2500
Crowsnest Pass	63	608	318	312	1238
Cypress	4	583	271	221	1075
Drumheller Valley	62	484	216	266	966
East Smoky	54	952	462	352	1766
Fairview	50	846	411	307	1564
Foothills	38	2403	1209	1151	4763
Ft. Vermilion	52	1606	607	330	2543
High Prairie	48	1798	829	681	3308
Lac La Biche	51	1078	475	373	1926
Mount Rundle	64	449	187	149	785
Neutral Hills	16	291	131	136	558
Northland	61	924	409	241	1574
Peace River	10	1392	663	545	2600
Pincher Creek	29	557	269	253	1079
Provost	33	418	187	161	766
Rangeland	9	444	196	187	827
Rocky Mountain	15	1454	752	696	2902
Rocky View	41	4535	2008	1763	8306
Spirit River	47	704	334	287	1325
Starland	30	269	124	117	510
Sturgeon	24	2257	1101	1026	4384
Taber	6	1331	546	548	2425
Three Hills	60	975	514	426	1915
Twin Rivers	65	1129	536	493	2158
Wainwright	32	829	403	388	1620
Westlock	37	988	526	517	2031
Willow Creek	28	1294	612	612	2518
Yellowhead	12	2473	1138	1017	4628

Counties	No.	Grades 1-6	Grades 7-9	Grades 10-12	TOTAL (1-12)
Athabasca	12	872	439	412	1723
Barrhead	11	1152	525	537	2214
Beaver	9	920	456	344	1720
Camrose	22	1053	501	461	2015
Flagstaff	29	953	409	372	1734
Forty Mile	8	542	239	195	976
Grande Prairie	1	1800	825	666	3291
Lac Ste Anne	28	1182	604	564	2350
Lacombe	14	2191	1022	947	4160
Lamont	30	824	414	374	1612
Leduc	25	2124	899	870	3893
Lethbridge	26	1654	778	650	3082
Minburn	27	748	309	335	1392
Mountain View	17	2144	1064	1029	4237
Newell	4	898	430	347	1675
Paintearth	18	477	237	199	913
Parkland	31	4338	2166	2097	8601
Ponoka	3	1310	590	613	2513
Red Deer	23	2785	1324	1143	5252
Smoky Lake	13	328	169	180	677
St. Paul	19	852	451	403	1706
Stettler	6	612	294	263	1169
Strathcona	20	5291	2868	3155	11314
Thorhild	7	323	164	166	653
Two Hills	21	404	194	176	774
Vermilion River	24	1304	622	568	2494
Vulcan	2	606	263	215	1084
Warner	5	1004	433	382	1819
Wetaskiwin	10	1298	562	550	2410
Wheatland	16	1167	490	474	2131
Districts					
Banff	102	219	99	105	423
Brooks	2092	981	467	383	1831
Calgary	19	42335	19660	20488	82483
Camrose	1315	827	373	465	1665
Cranberry Hills	5530	4	2	0	6
Devon	4972	494	229	194	917
Edmonton	7	32186	14377	17941	64504
Exshaw	1699	39	10	17	66
Fort McMurray	2833	2138	1102	1044	4284
Grande Cache	5258	432	223	191	846
Grande Prairie	2357	2165	938	913	4016
Grovedale	4910	129	62	40	231
Hokenheim	2094	10	2	1	13
Jasper	3063	249	86	96	431
Keystone Valley	5098	13	10	4	27
Lake Louise	1063	14	8	7	29
Lakeland	5460	1731	670	698	3099
Leduc	297	1052	614	784	2450
Legal	1738	214	102	76	392
Lethbridge	51	3845	1954	1816	7615
Medicine Hat	76	2976	1368	1256	5600
Morley	172	16	5	2	23

	No.	Grades 1-6	Grades 7-9	Grades 10-12	TOTAL (1-12)
Portsmouth	3705	2	3	3	8
Red Deer	104	4111	1829	1826	7766
Redcliff	2283	479	201	168	848
Rosenheim	1892	7	1	3	11
Sibbald Flats	5531	2	2	2	6
St. Albert	3	1954	882	816	3652
St. Isidore	5054	26	16	6	48
St. Paul	2228	290	137	138	565
Stettler	1475	488	216	230	934
Stirling	647	147	70	62	279
Swan Hills	5109	276	113	87	476
Waterton Park	4233	17	3	1	21
Western Ridge	2083	0	1	2	3
Wetaskiwin	264	814	350	362	1526
Whitecourt	2736	582	251	211	1044
RCSSD					
Allan	341	Included with Okotoks RCSSD #346			
Amberidge	315	0	0	1	1
Arm Lake	304	2	0	0	2
Ascot	280	4	2	0	6
Assumption	50	25	7	8	40
Aubindale	122	3	2	0	5
Beaverlodge	68	57	24	16	97
Big Eddy	164	3	2	2	7
Big Rock	342	Included with Okotoks RCSSD #346			
Bow Island	82	51	23	31	105
Bowtell	189	4	1	2	7
Calgary	1	13895	5794	6109	25798
Campbell Lake	202	0	1	1	2
Cameron Coulee	343	Included with Okotoks RCSSD #346			
Camrose	60	284	105	111	500
Cassell Hill	310	2	0	1	3
Castle	248	5	2	6	13
Cedar Creek	232	1	1	3	5
Clover Trail	331	12	2	3	17
Coaldale	73	114	65	55	234
Cotter	309	0	0	1	1
Drayton Valley	111	179	55	32	266
Drayton Valley Rural	334	11	4	9	24
Drumheller	25	128	80	35	243
Dunington	329	4	4	1	9
Easyford	328	2	3	2	7
Edmonton	7	14704	6381	6646	27731
Edson	153	222	91	50	363
Elk Head	327	1	1	3	5
Fabyan	305	7	1	1	9
Fairview	35	150	61	75	286
Fort McMurray	32	1865	753	717	3335
Fort Vermilion	26	94	41	30	165
Ft. Saskatchewan	104	328	186	207	721
Gap Lake	188	0	0	1	1
Gartley	101	0	0	0	0
Grande Prairie	28	754	344	255	1353

	No.	Grades 1-6	Grades 7-9	Grades 10-12	TOTAL (1-12)
Grande Prairie Rural	190	131	56	54	241
Greenshields	281	2	2	2	6
High Prairie	56	156	77	38	271
Hinton	155	261	100	63	424
Island Hill	201	5	1	1	7
Kilfam	49	43	15	12	70
King Edward	200	5	3	2	10
Lakeland	150	878	422	328	1628
Laurel	335	1	3	2	6
Leduc	132	411	165	61	637
Lethbridge	9	1354	566	534	2454
Lodgepole	333	8	1	6	15
Mack	313	3	2	1	6
Maple Hill	239	4	0	1	5
McLennan	30	88	33	24	145
McLeod Valley	234	0	0	0	0
Medicine Hat	21	987	442	467	1896
Melrose	344	Included with Okotoks RCSSD #346			
Montfort	185	14	8	12	34
Moon Lake	326	8	11	4	23
Morning Glory	103	0	0	0	0
Muir Lake	260	0	0	0	0
Nicolls	311	0	0	1	1
North Peace	43	496	240	210	946
Okotoks	346	103	42	37	182
Panima	345	Included with Okotoks RCSSD #346			
Passchendale	307	0	0	1	1
Picture Butte	79	102	49	43	194
Pincher Creek	18	169	88	64	321
Plaxtonville	282	2	0	0	2
Ponoka	95	71	23	23	117
Poplar Heights	203	5	2	3	10
Provost	65	65	26	34	125
Ramona	330	2	1	2	5
Raymond	100	13	10	5	28
Red Deer	17	1103	468	440	2011
Rocky Mtn House	131	206	90	58	354
Rosedale	108	6	4	1	11
Saskatchewan	144	18	12	13	43
Sexsmith	51	77	28	23	128
Sherwood Park	105	1441	780	702	2923
Shilo	348	1	0	1	2
Spirit River	36	41	17	9	67
Spruce Grove	128	320	132	118	570
Stirling	261	2	1	4	7
Stoney Vista	184	14	8	3	25
Stony Plain	151	218	88	80	386
Stormount	347	Included with Okotoks RCSSD #346			
Strand	86	2	0	0	2
Taber	54	188	106	91	385
Theresetta	23	17	11	9	37
Tinchebray	243	2	1	0	3
Tomahawk	120	0	1	0	1

	No.	Grades 1-6	Grades 7-9	Grades 10-12	TOTAL (1-12)
Trafalgar	279	3	1	4	8
Valleyview	84	78	31	23	132
Vegreville	16	161	86	80	327
Vegreville Rural	220	18	4	13	35
Vermilion	97	103	31	36	170
Wainwright	31	164	78	81	323
Wainwright East	278	1	1	1	3
Wainwright North	277	2	2	2	6
Waskasoo	186	5	7	9	21
Westdale	174	11	7	2	20
Westlock	110	230	99	110	439
Wetaskiwin	15	194	91	71	356
White Cloud	336	1	0	0	1
White Rose	102	0	0	0	0
Whitecourt	94	332	129	98	559
Consolidated	**No.**	**Grades 1-6**	**Grades 7-9**	**Grades 10-12**	**TOTAL (1-12)**
Barons	8	50	25	19	94
Falher	69	146	84	50	280
RCPSD					
Thibault	35	855	288	275	1418
PSSD					
Glen Avon	5	178	90	70	338
Livingston	8	8	4	4	16
Smithreade	7	0	2	1	3
St. Albert	6	2448	1362	1507	5317
Dept of National Defence					
Can Forces Base	4986	366	141	145	652
Medley	5029	513	192	128	833
Mynarski Park	5012	86	26	28	140
Ralston	4981	110	33	18	161
Total					
Counties		41156	19741	18687	79584
Divisions		34833	16276	14217	65326
Districts		101264	46436	50438	198138
RCSSD/PS/CP		46746	20484	20388	87618
Consolidated		196	109	69	374
DND		1075	392	319	1786
Grand total (excl Lloydminster)		225270	103438	104118	432826
Lloydminster Pub Div (Alta pupils)		739	338	387	1464
Lloydminster RC Div (Alta pupils)		265	85	51	401
Grand Total (incl Lloydminster)		226274	103861	104556	434691

*Resident student count is used for calculating equity grants and special education grants.

Appendix IV
DISTRIBUTION OF PUPILS BY AGE, GRADE AND GENDER
AS AT SEPTEMBER 30, 1988
Table IV.a:
Public Jurisdictions, excluding Lloydminster

GRADE	SEX	<3YRS 6MOS & >2YRS 6MOS	<4YRS 6MOS & >3YRS 6MOS	<5YRS 6MOS & >4YRS 6MOS	<6YRS >5YRS 6MOS	6 YEARS	7 YEARS	8 YEARS	9 YEARS	10 YEARS	11 YEARS	12 YEARS	13 YEARS	14 YEARS	15 YEARS	16 YEARS	17 YEARS	18 YEARS	19 YEARS	20 YEARS	GREATER OR EQUAL 21YRS	TOTAL BY SEX	TOTAL BY GRADE	% OF ENROLMENTS
ECS	M	62	104	14853	2511	145																17675		
	F	22	57	14214	1728	77																16098	33773	7.27
GRADE I	M			20	6040	14033	1532	59	4	1												21689		
	F			33	6570	12589	950	42	2		1											20187	41876	9.01
GRADE II	M				10	4815	12526	1882	93	8	4	2	1									19341		
	F				23	5563	11620	1155	41	12	1											18415	37756	8.13
GRADE III	M					12	4444	11614	1953	105	13	7	1		1							18150		
	F					14	5352	10837	1228	70	11	4	1	1								17518	35668	7.68
GRADE IV	M						11	4260	11063	2152	179	36	5	1	1							17708		
	F						13	5099	10359	1286	105	17	8	1	1	1						16890	34598	7.45
GRADE V	M							45	4215	10518	2236	221	31	7	1		1					17275		
	F							32	5068	9863	1330	111	9	1	2	1						16417	33692	7.25
GRADE VI	M								33	4172	10263	2310	222	28	6	1	1					17036		
	F					1		1	43	4892	9941	1334	113	22	5							16352	33388	7.19
ELEM SPEC	M			1	213	413	530	662	748	733	766											4066		
	F				164	263	293	343	384	387	374											2208	6274	1.35
GRADE VII	M									29	4151	10068	2668	352	49	9	2					17328		
	F								15	63	5029	9551	1495	169	32	13	4					16371	33699	7.25
GRADE VIII	M								1	7	34	4004	9461	2556	421	34	6	1				16525		
	F									9	63	4956	9370	1579	231	27	5	1				16241	32766	7.05
GRADE IX	M										5	46	3873	8918	2621	454	45	11	1			15974		
	F						1				10	81	4821	8963	1576	231	23	1	1		1	15709	31683	6.82
JR. HIGH SPEC	M											791	884	903								2578		
	F											423	438	541								1402	3980	0.86
GRADE X	M											1	40	3683	8865	2734	701	179	85	41	170	16499		
	F											12	40	4613	8804	1766	407	113	53	34	323	16165	32664	7.03
GRADE XI	M											1		33	3804	8430	2533	552	127	44	263	15787		
	F									1			1	42	4515	8237	1648	326	94	27	263	15154	30941	6.66
GRADE XII	M														27	3794	9377	4270	1051	253	576	19348		
	F														41	4474	9054	2700	615	204	1114	18202	37550	8.08
SR. HIGH SPEC	M														957	792	617	295	83	16	108	2868		
	F														471	388	302	128	49	11	60	1409	4277	0.92
TOTALS BY SEX	M	62	104	14874	8774	19418	19043	18522	18110	17725	17651	17487	17186	16481	16753	16248	13283	5308	1347	354	1117	239847		
	F	22	57	14247	8485	18507	18229	17509	17140	16583	16865	16489	16296	15932	15678	15138	11443	3269	812	276	1761	224738	464585	100.0
GRAND TOTAL		84	161	29121	17259	37925	37272	36031	35250	34308	34516	33976	33482	32413	32431	31386	24726	8577	2159	630	2878	464585		
% OF ENROLMENT		0.02	0.03	6.27	3.71	8.16	8.02	7.76	7.59	7.38	7.43	7.31	7.21	6.98	6.98	6.76	5.32	1.85	0.46	0.14	0.62			

Appendix IV
PRIVATE SCHOOLS AND PRIVATE EARLY CHILDHOOD SERVICES OPERATORS, EXCLUDING LLOYDMINSTER
Table IV.b:

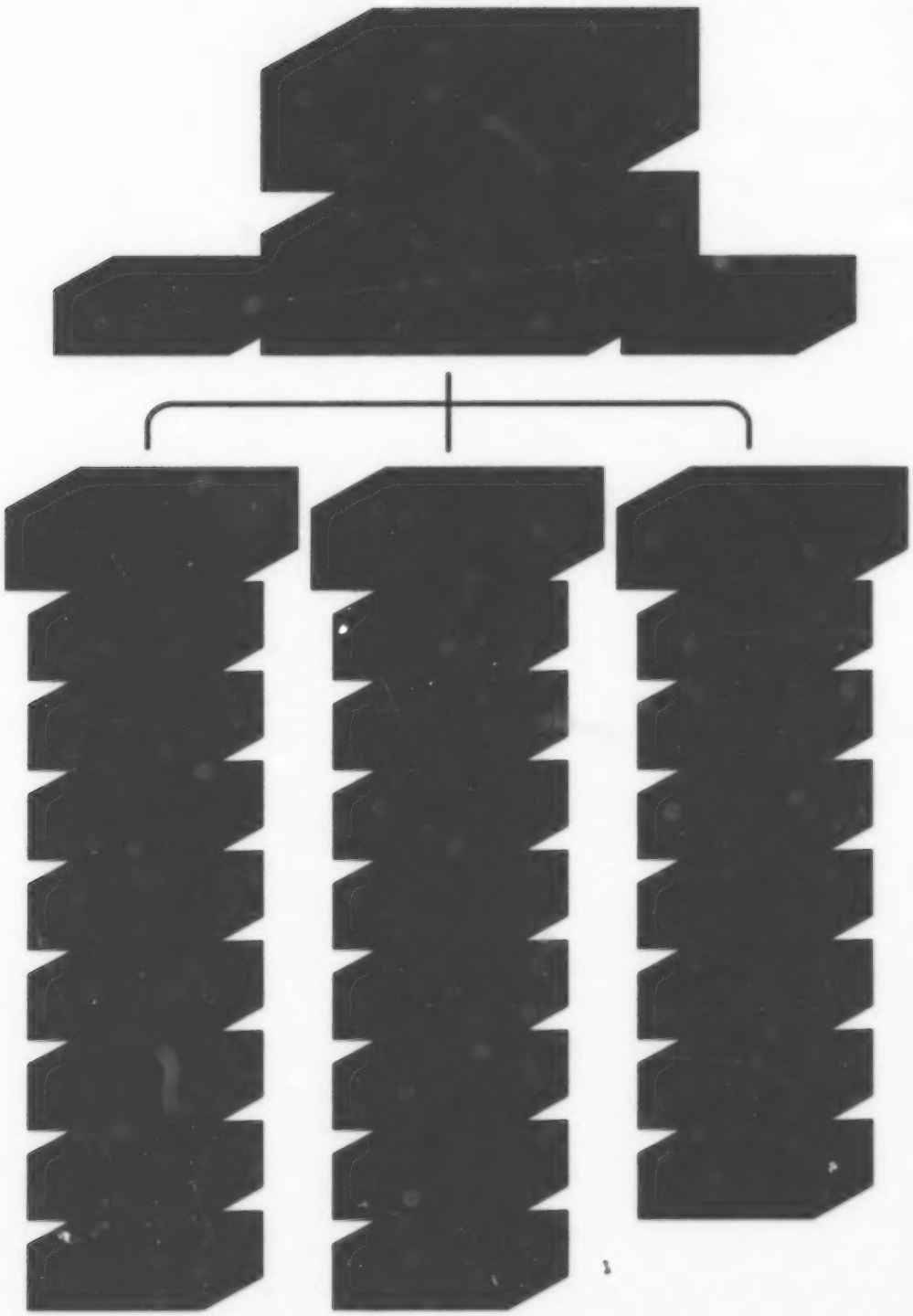
GRADE	SEX	<3YRS 6MOS & >2YRS 6MOS	<4YRS 6MOS & >3YRS 6MOS	<5YRS 6MOS & >4YRS 6MOS	<6YRS >5YRS 6MOS	6 YEARS	7 YEARS	8 YEARS	9 YEARS	10 YEARS	11 YEARS	12 YEARS	13 YEARS	14 YEARS	15 YEARS	16 YEARS	17 YEARS	18 YEARS	19 YEARS	20 YEARS	GREATER OR EQUAL 21YRS	TOTAL BY SEX	TOTAL BY GRADE	% OF ENROLMENTS
ECS	M	41	109	2940	773	44																3907		
	F	37	85	2698	611	17																3448	7355	35.39
GRADE I	M			11	153	447	58	2			1											672		
	F			18	178	431	41	1			1											670	1342	6.46
GRADE II	M					130	422	58	7	1												618		
	F					161	357	38	3		1											560	1178	5.67
GRADE III	M						118	391	62	4	3											578		
	F						133	365	43	6			1									548	1126	5.42
GRADE IV	M						2	101	344	60	7	4										518		
	F							156	322	57	3	1										539	1057	5.09
GRADE V	M								112	301	73	10	2									498		
	F							1	137	288	41	2		1								470	968	4.66
GRADE VI	M								2	111	299	61	10	4	1	1						489		
	F								1	124	290	46	10	2	1							474	963	4.63
ELEM SPEC	M			1	2	8	12	18	27	36	39											143		
	F				5	11	7	9	13	10	16											71	214	1.03
GRADE VII	M									1	113	301	74	21	7	2			1			520		
	F									2	159	270	52	7	2							492	1012	4.87
GRADE VIII	M										1	127	276	72	21	4						501		
	F										1	124	273	40	15	2						455	956	4.60
GRADE IX	M											14	89	269	87	12	1					472		
	F											3	141	232	34	10	3					423	895	4.31
JR. HIGH SPEC	M											40	42	57								139		
	F											17	16	12								45	184	0.89
GRADE X	M												1	65	177	51	22	17	4	2	25	364		
	F												1	103	188	37	22	10	6	3	28	398	762	3.67
GRADE XI	M														73	155	56	21	13	13	52	383		
	F													1	101	178	39	27	23	20	85	474	857	4.12
GRADE XII	M														2	91	207	149	102	74	146	771		
	F														1	98	265	179	119	73	241	976	1747	8.41
SR. HIGH SPEC	M														37	42	25	16	4		1	125		
	F														17	4	11	4	6	1	1	44	169	0.81
TOTALS BY SEX	M	41	109	2952	928	629	612	570	554	514	536	557	494	488	405	358	311	203	124	89	224	10698		
	F	37	85	2716	794	620	538	570	519	487	512	463	494	398	359	329	340	220	154	97	355	10087	20785	100.0
GRAND TOTAL		78	194	5668	1722	1249	1150	1140	1073	1001	1048	1020	988	886	764	687	651	423	278	186	579	20785		
% OF ENROLMENT		0.38	0.93	27.27	8.28	6.01	5.53	5.48	5.16	4.82	5.04	4.91	4.75	4.26	3.68	3.31	3.13	2.04	1.34	0.89	2.79			

Appendix V
ACCELERATION AND RETARDATION
ENROLMENT AS AT SEPTEMBER 30, 1988
Table V.a:
Report for Public Schools, excluding Lloydminster

	Age	Under Modal Age Number	Percent	Modal Age Number	Percent	Over Modal Age Number	Percent	Total
Elementary								
Grade I	6+	12,663	30.24	26,620	63.58	2,587	6.18	41,870
Grade II	7+	10,411	27.58	24,146	63.96	3,194	8.46	37,751
Grade III	8+	9,822	27.54	22,451	62.95	3,391	9.51	35,664
Grade IV	9+	9,383	27.12	21,420	61.92	3,790	10.96	34,593
Grade V	10+	9,360	27.79	20,379	60.50	3,946	11.71	33,685
Grade VI	11+	9,142	27.38	20,204	60.52	4,038	12.10	33,384
Elem. Spec.	11+	5,134	81.83	1,140	18.17	0	.00	6,274
Junior High School								
Grade VII	12+	9,286	27.57	19,616	58.23	4,783	14.20	33,685
Grade VIII	13+	9,074	27.70	18,829	57.47	4,860	14.83	32,763
Grade IX	14+	8,837	27.90	17,881	56.44	4,961	15.66	31,679
Jr. High Spec.	14+	2,536	63.72	1,444	36.28	0	.00	3,980
Senior High School								
Grade X	15+	8,387	25.70	17,666	54.12	6,587	20.18	32,640
Grade XI	16+	8,397	27.15	16,665	53.88	5,870	18.98	30,932
Grade XII	17+	8,336	22.20	18,431	49.09	10,781	28.71	37,548
Sr. High Spec.	15+	0	.00	1,428	33.39	2,849	66.61	4,277
Total		120,768	28.04	248,320	57.65	61,637	14.31	430,725

Table V.b:
Report for Private Schools, excluding Lloydminster

	Age	Under Modal Age Number	Percent	Modal Age Number	Percent	Over Modal Age Number	Percent	Total
Elementary								
Grade I	6+	360	26.83	878	65.42	104	7.75	1,342
Grade II	7+	291	24.70	779	66.13	108	9.17	1,178
Grade III	8+	251	22.29	756	67.14	119	10.57	1,126
Grade IV	9+	259	24.50	666	63.01	132	12.49	1,057
Grade V	10+	250	25.83	589	60.85	129	13.33	968
Grade VI	11+	238	24.71	589	61.16	136	14.12	963
Elem. Spec.	11+	159	74.30	55	25.70	0	.00	214
Junior High School								
Grade VII	12+	275	27.17	571	56.42	166	16.40	1,012
Grade VIII	13+	253	26.46	549	57.43	154	16.11	956
Grade IX	14+	247	27.60	501	55.98	147	16.42	895
Jr. High Spec.	14+	115	62.50	69	37.50	0	.00	184
Senior High School								
Grade X	15+	170	22.31	365	47.90	227	29.79	762
Grade XI	16+	175	20.42	333	38.86	349	40.72	857
Grade XII	17+	192	10.99	472	27.02	1,083	61.99	1,747
Sr. High Spec.	15+	0	.00	54	31.95	115	68.05	169
Total		3,235	24.09	7,226	53.80	2,969	22.11	13,430



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